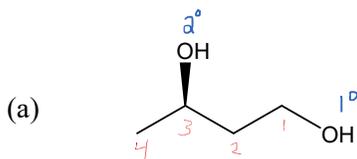


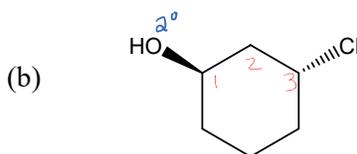
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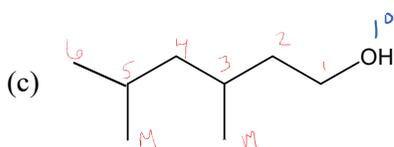


3-chlorocyclohexanol

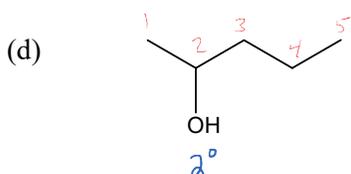
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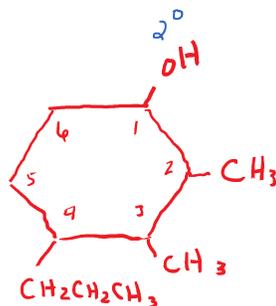


3,5-dimethyl-1-hexanol

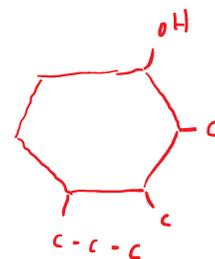


2-pentanol

- (e) 2,3-dimethyl-4-propylcyclohexanol

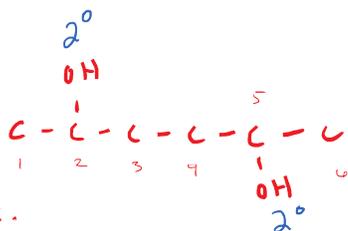


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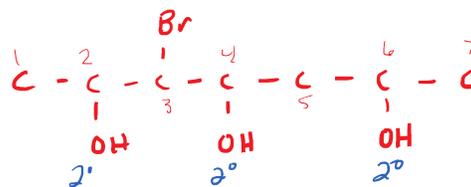


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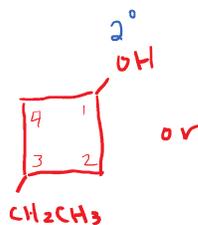
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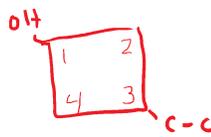
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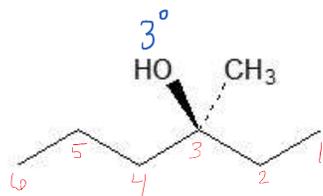


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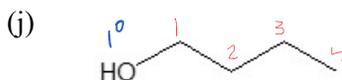


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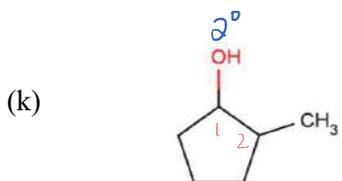
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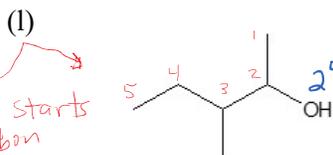
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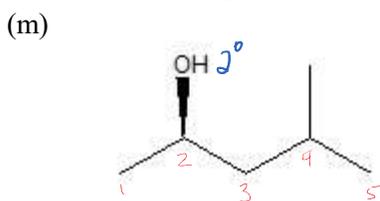


2-methylcyclopentanol



3-methyl-2-pentanol

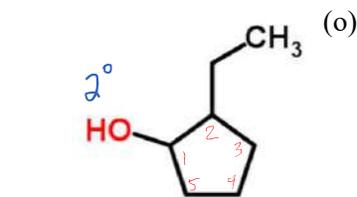
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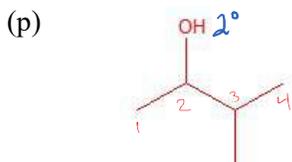
4-methyl-2-pentanol



2-butanol



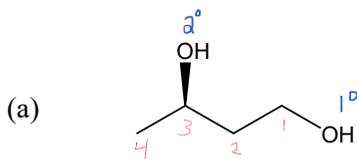
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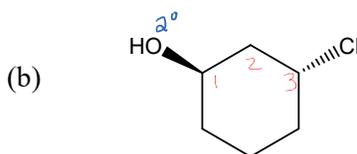
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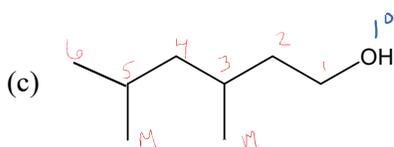


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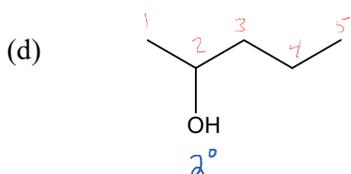
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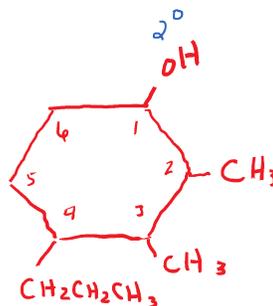


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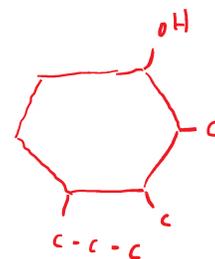


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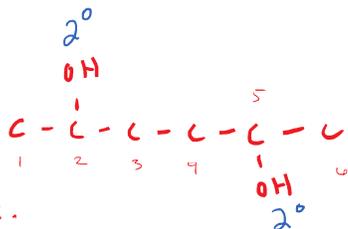


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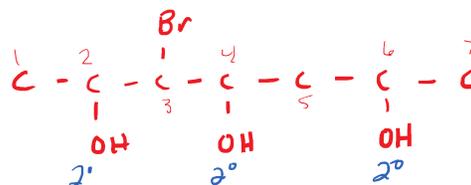


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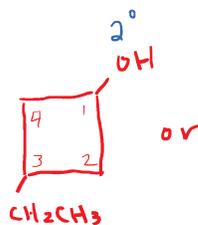
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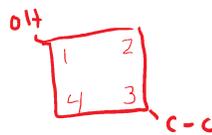
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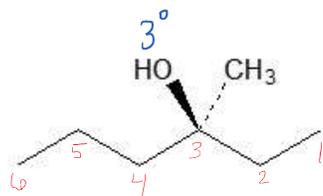


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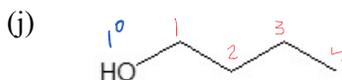


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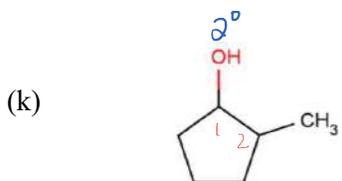
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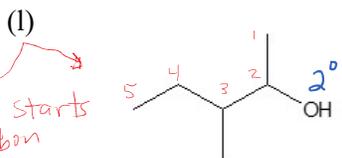
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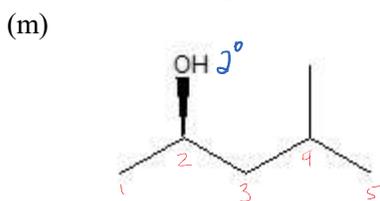
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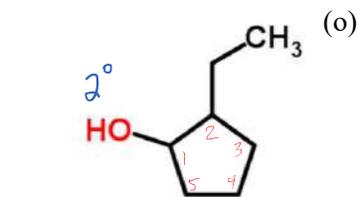
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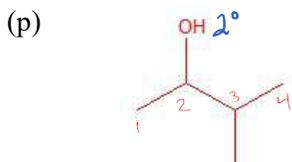
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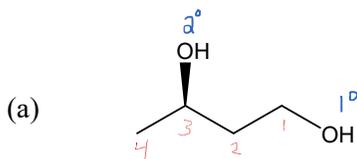
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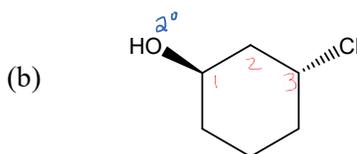
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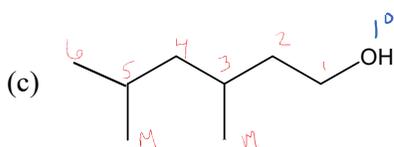


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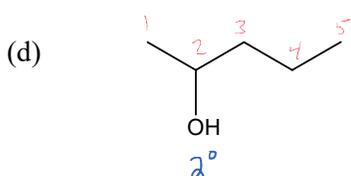
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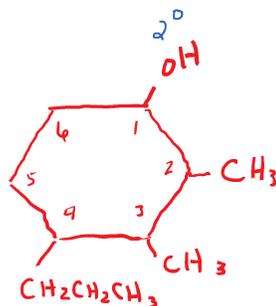


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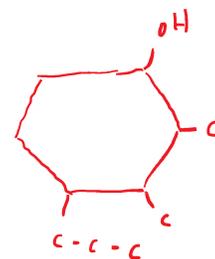


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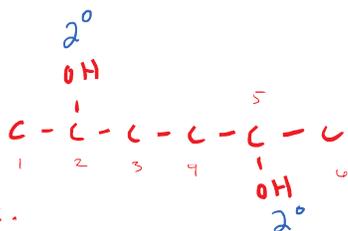


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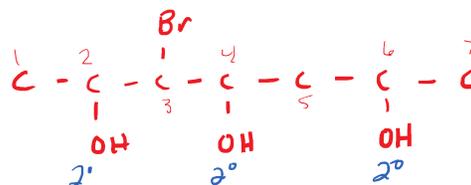


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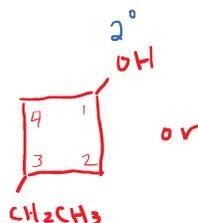
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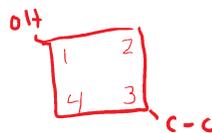
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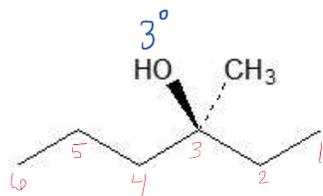


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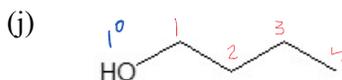


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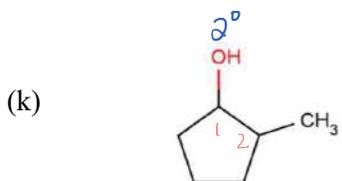
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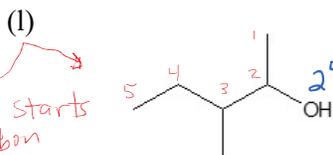
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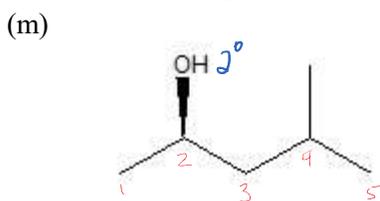
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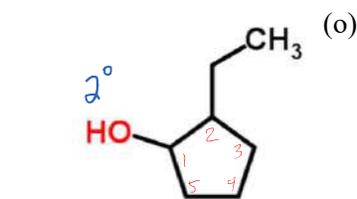
3-methyl-2-pentanol



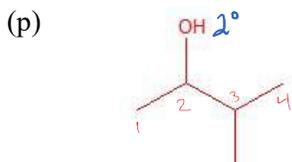
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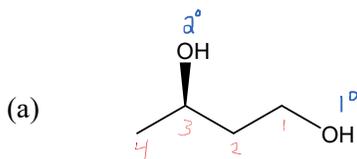
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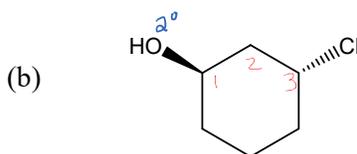
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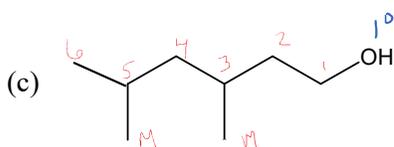


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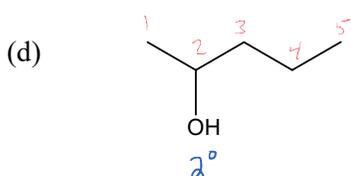
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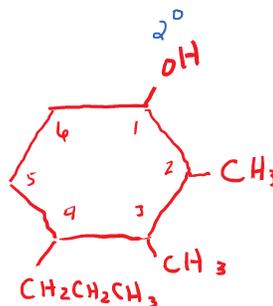


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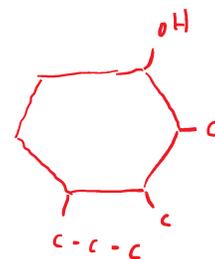


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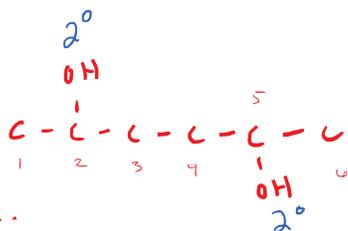


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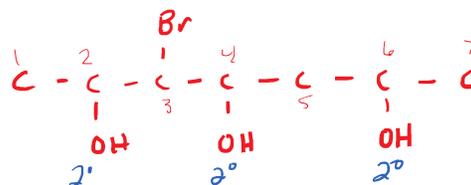


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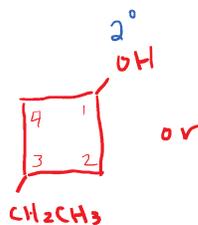
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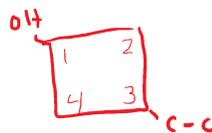
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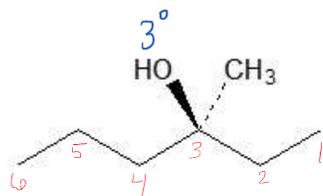


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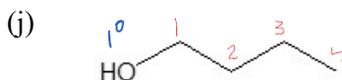


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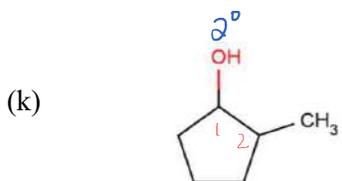
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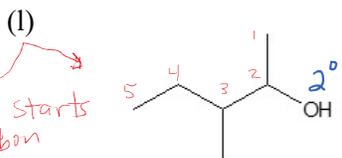
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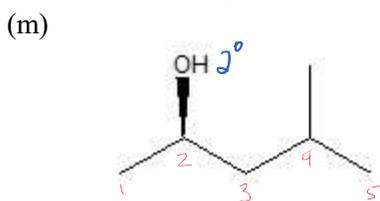


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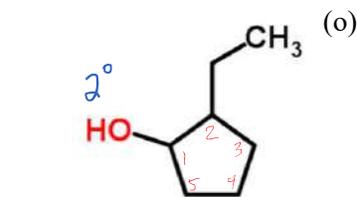
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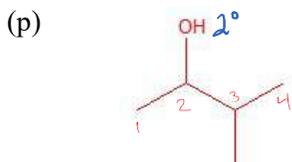
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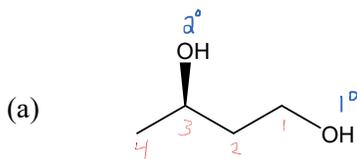
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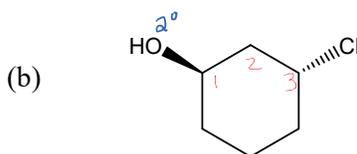
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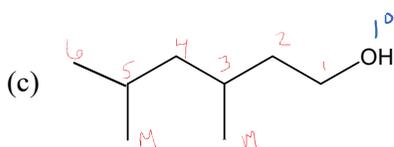


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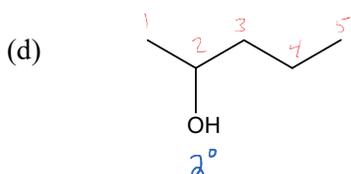
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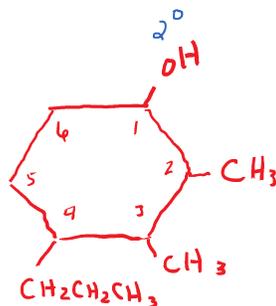


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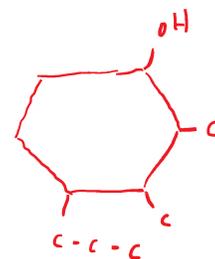


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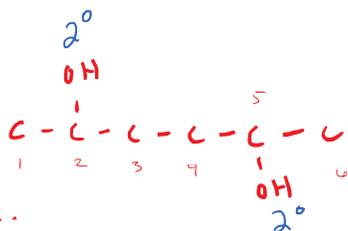


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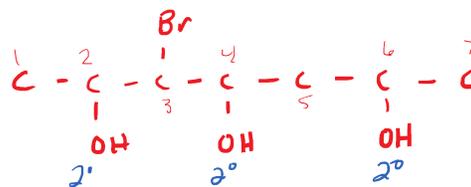


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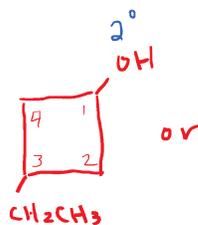
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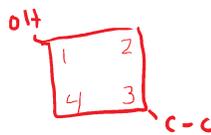
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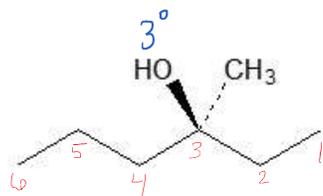


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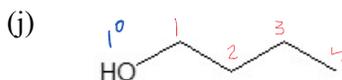


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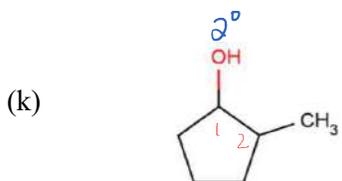
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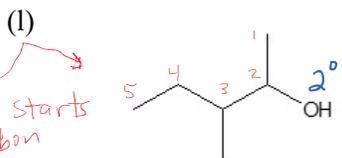
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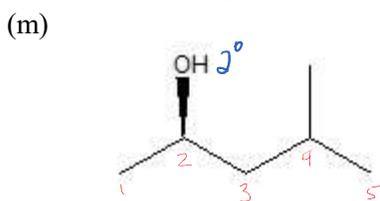
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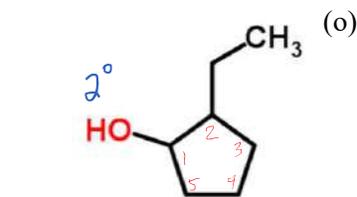
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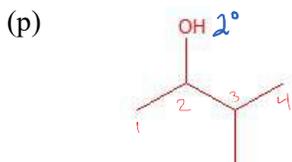
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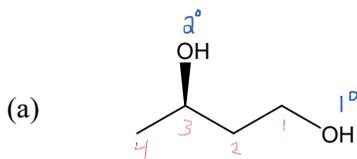
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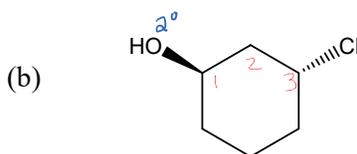
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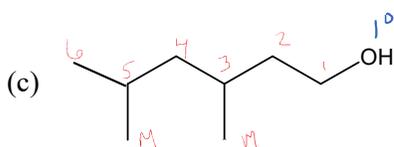


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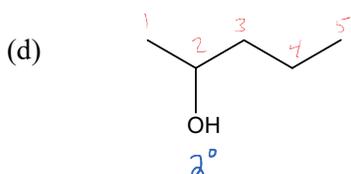
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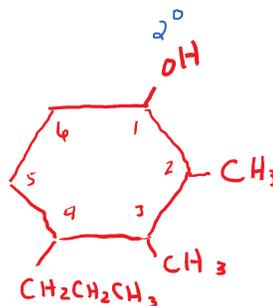


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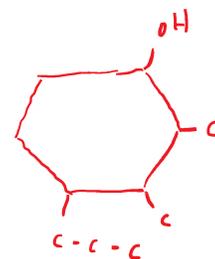


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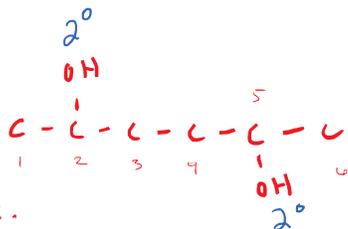


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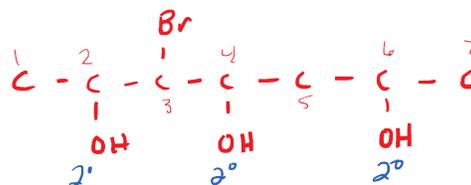


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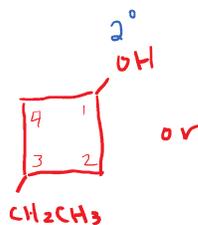
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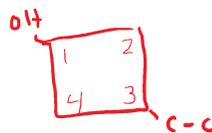
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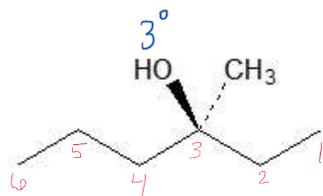


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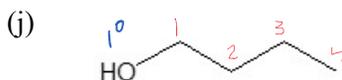


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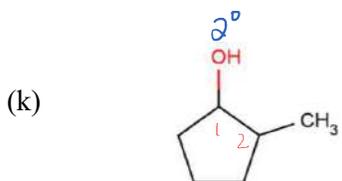
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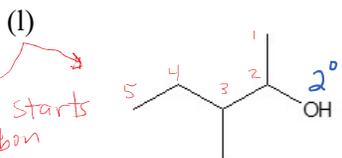
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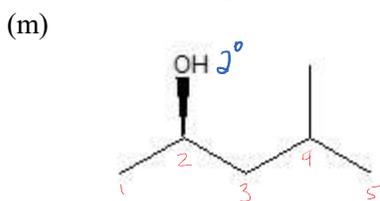
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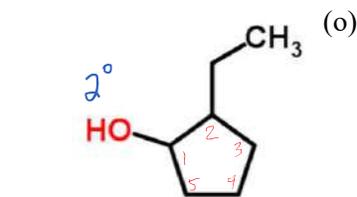
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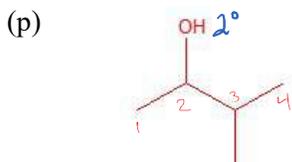
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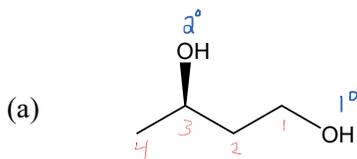
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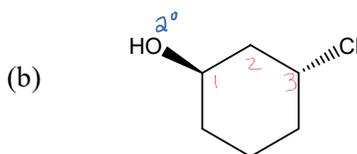
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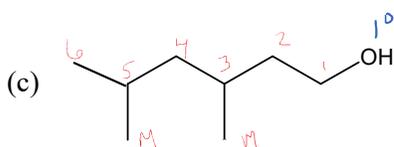


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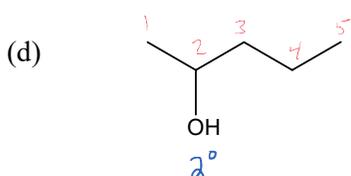
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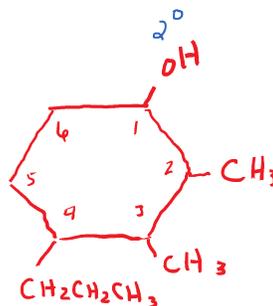


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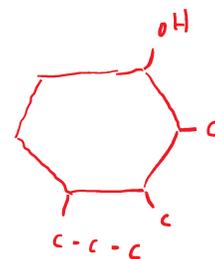


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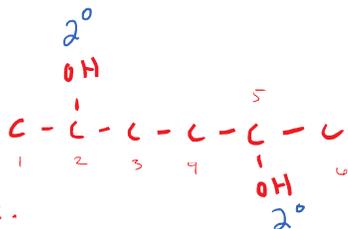


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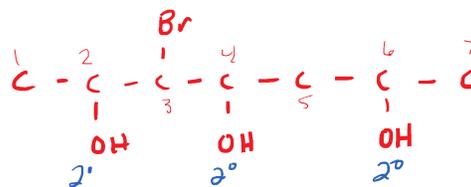


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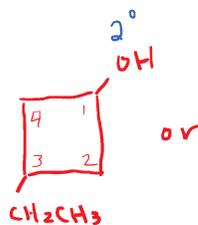
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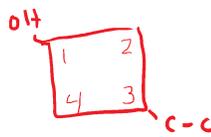
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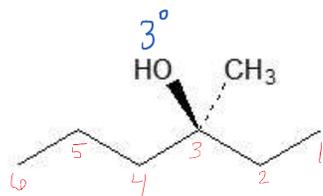


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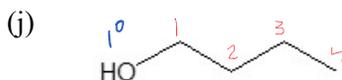


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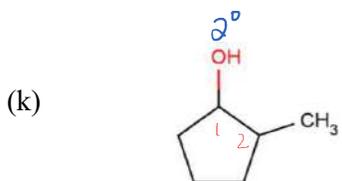
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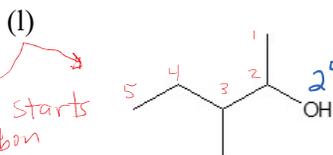
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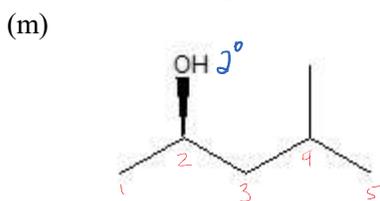
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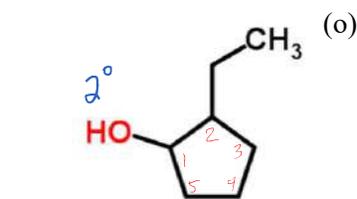
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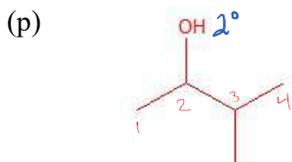
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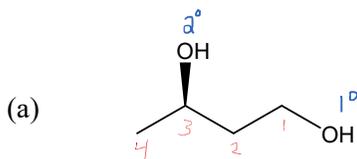
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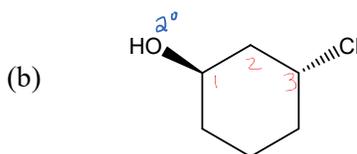
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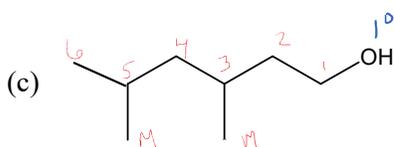


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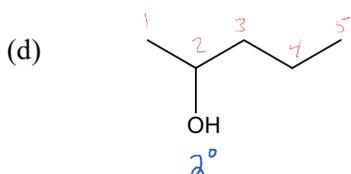
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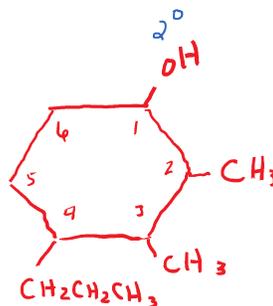


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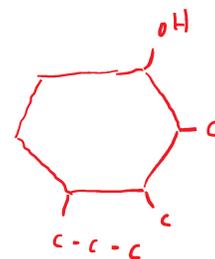


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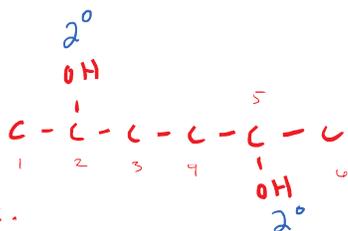


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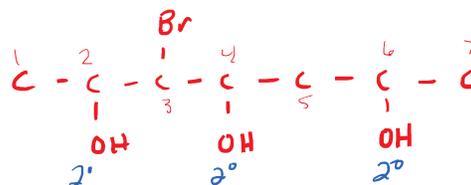


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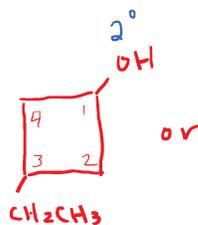
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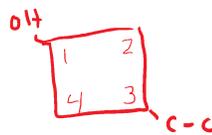
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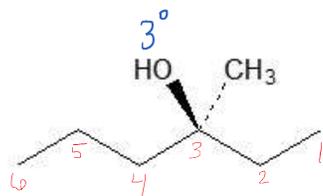


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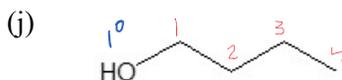


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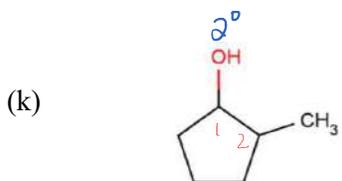
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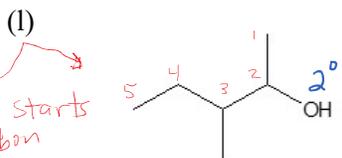
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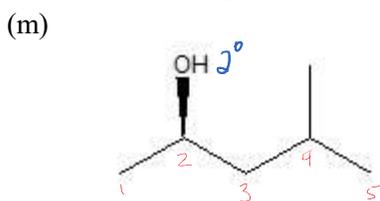
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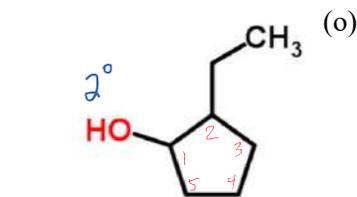
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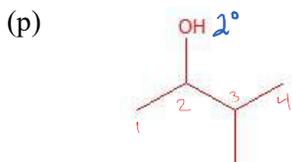
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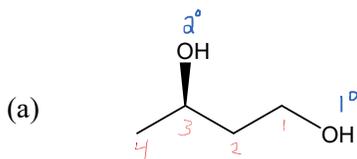


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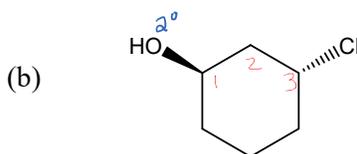
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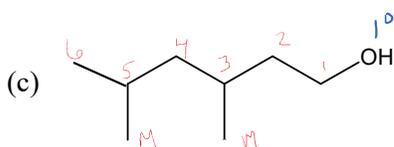


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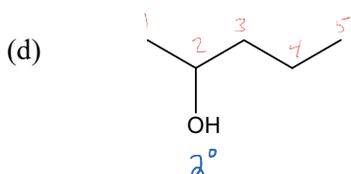
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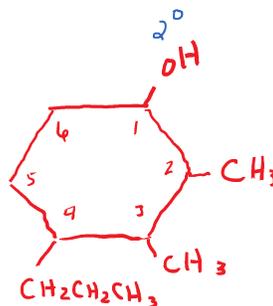


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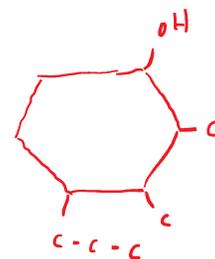


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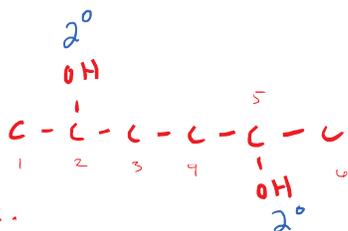


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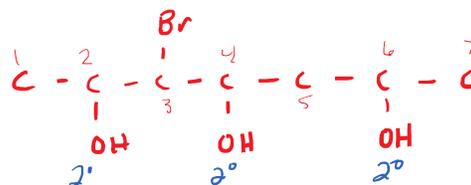


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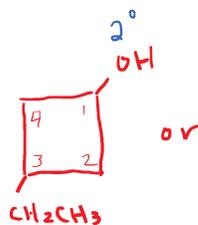
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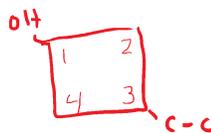
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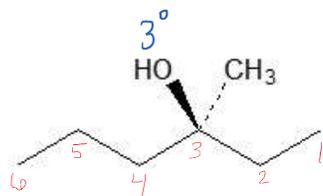


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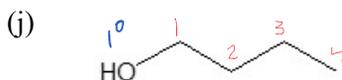


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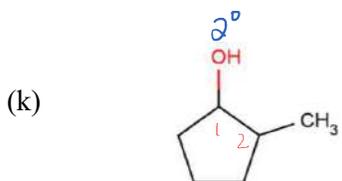
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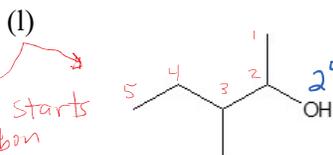
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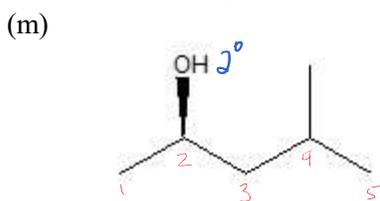
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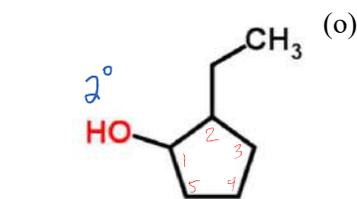
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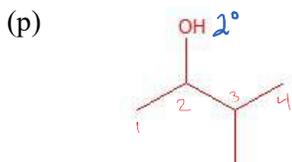
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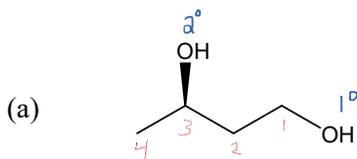
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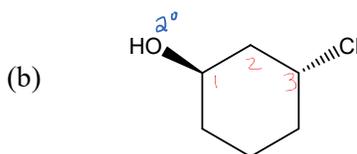
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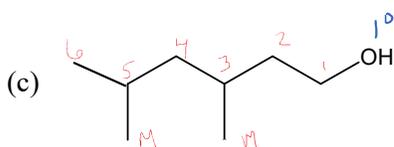


3-chlorocyclohexanol

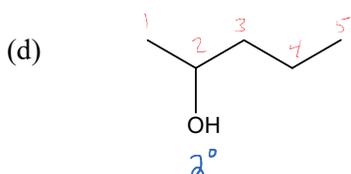
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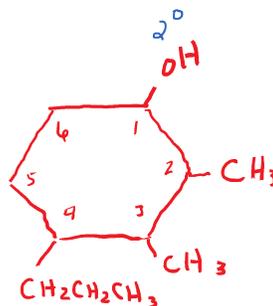


3,5-dimethyl-1-hexanol

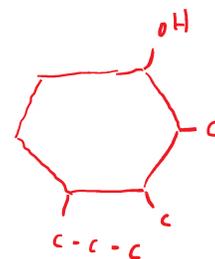


2-pentanol

- (e) 2,3-dimethyl-4-propylcyclohexanol

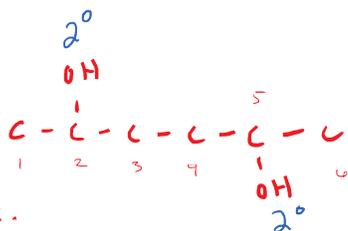


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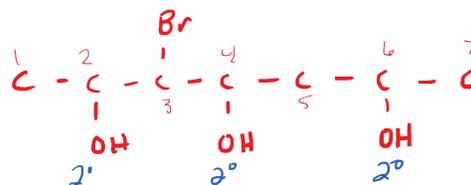


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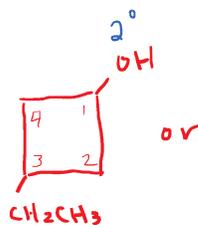
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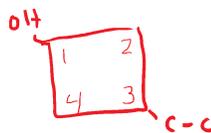
- (g) 3-bromo-2,4,6-heptanetriol



- (h) 3-ethylcyclobutanol

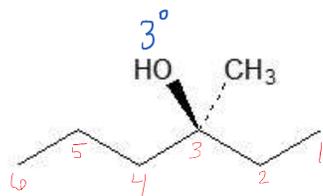


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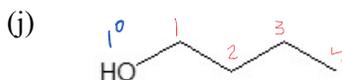


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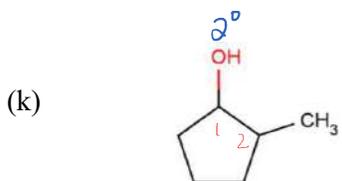
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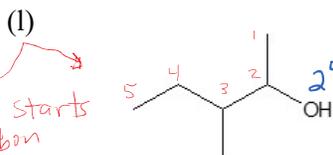
3-methyl-3-hexanol



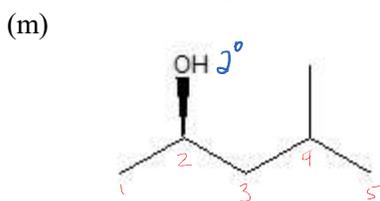
1-butanol



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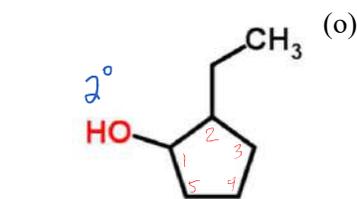
3-methyl-2-pentanol



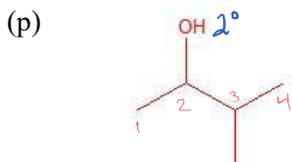
4-methyl-2-pentanol



2-butanol



2-ethylcyclopentanol



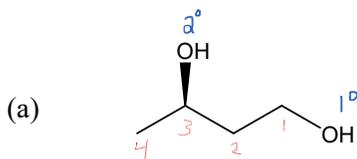
3-methyl-2-butanol

Tricky one!!
Longest chain starts
with #1 carbon
on top!

)

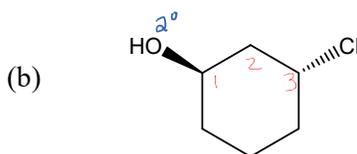
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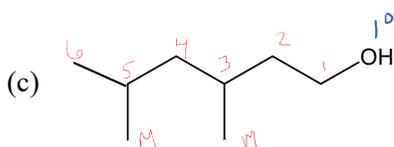


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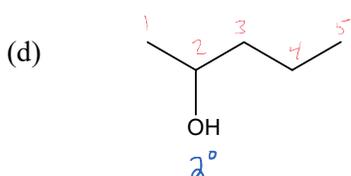
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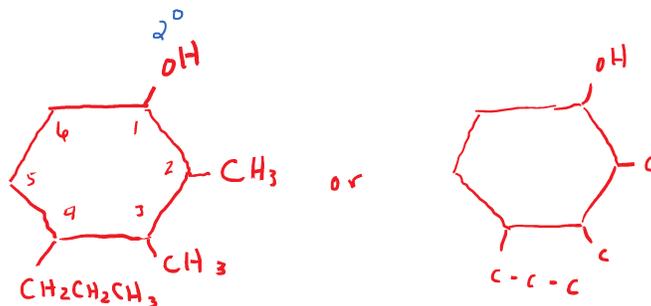


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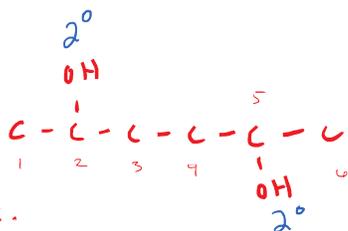
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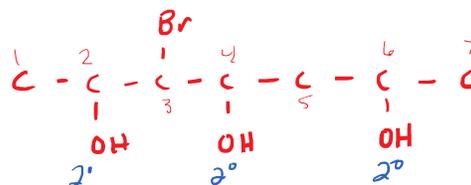


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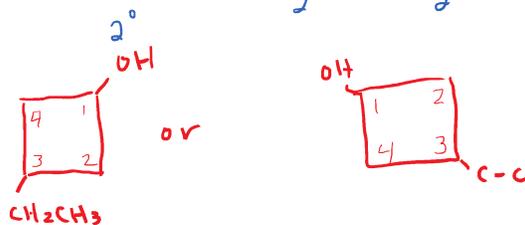
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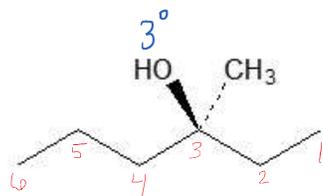
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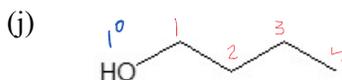
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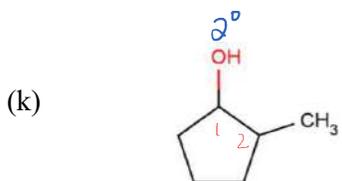
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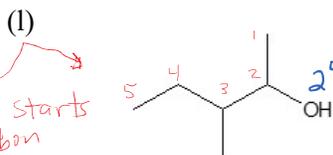
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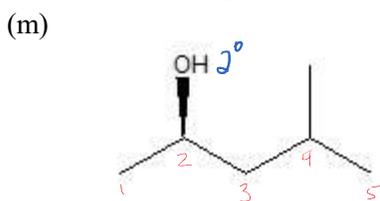
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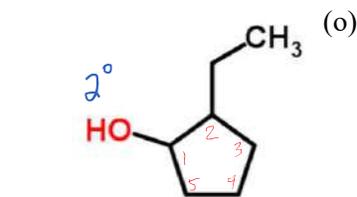
3-methyl-2-pentanol



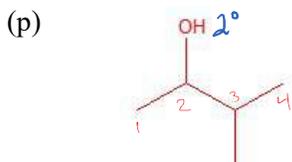
4-methyl-2-pentanol



2-butanol



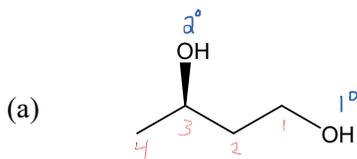
2-ethylcyclopentanol



3-methyl-2-butanol

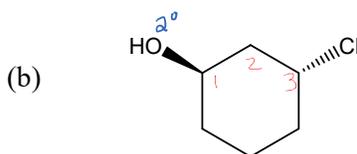
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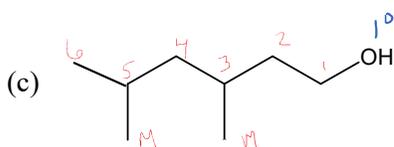


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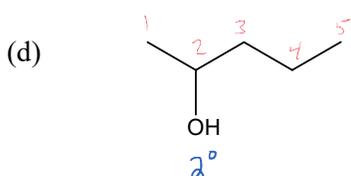
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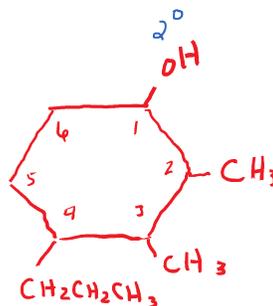


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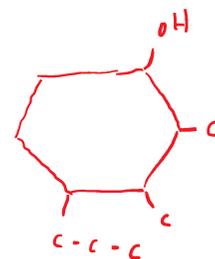


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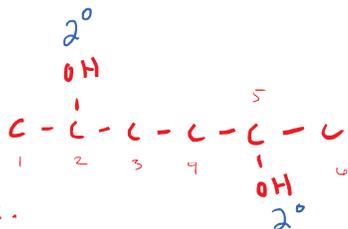


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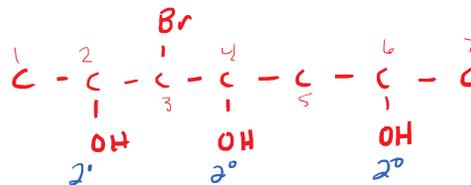


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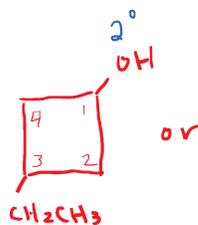
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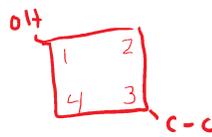
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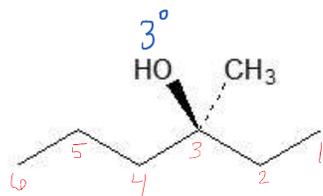


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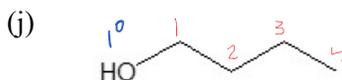


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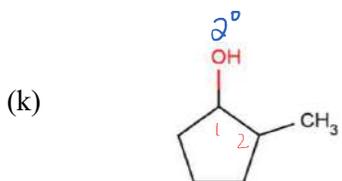
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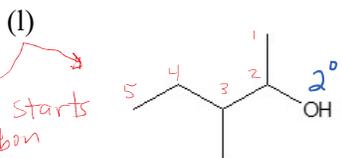
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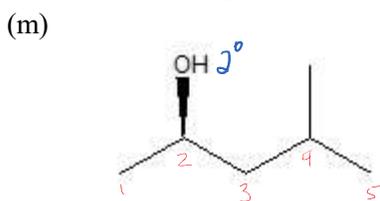
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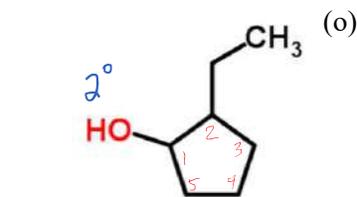
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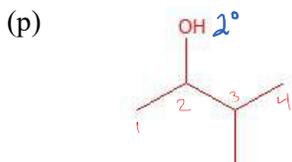
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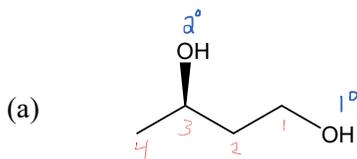
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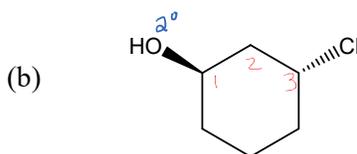
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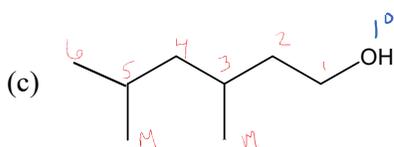


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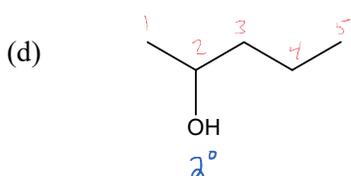
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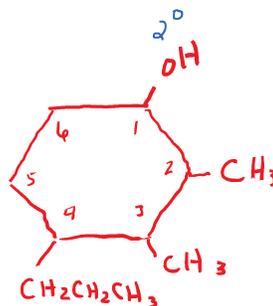


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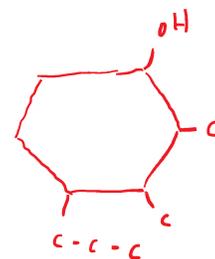


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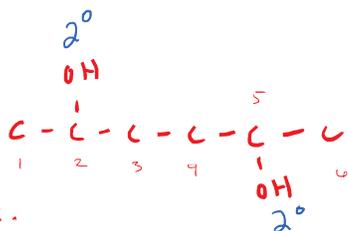


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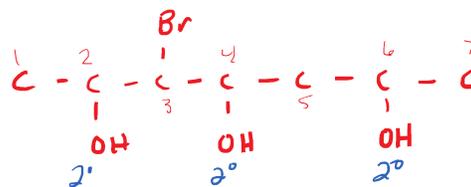


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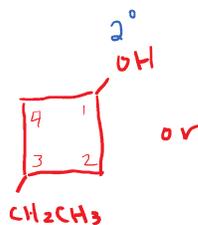
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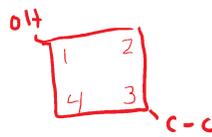
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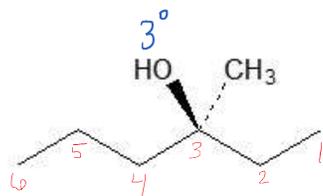


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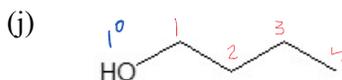


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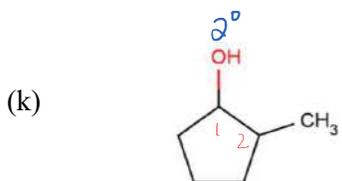
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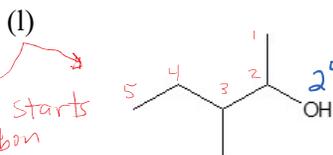
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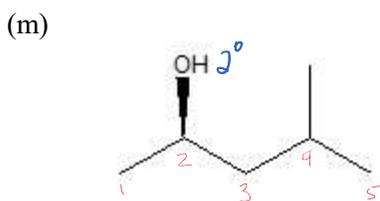
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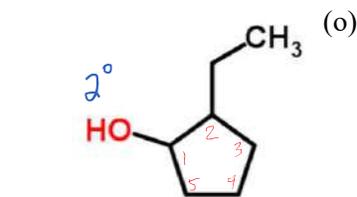
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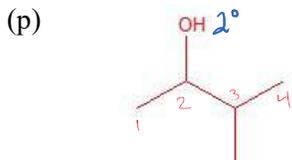
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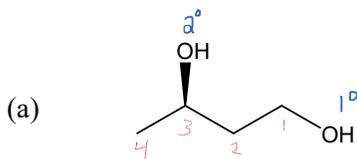


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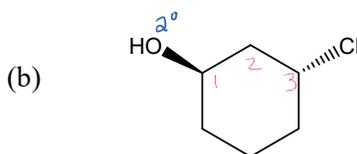
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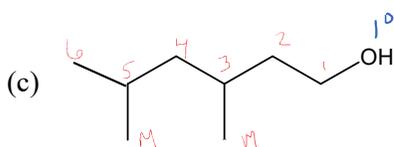


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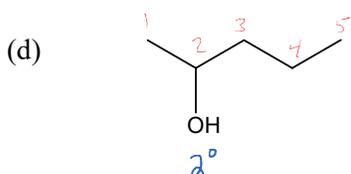
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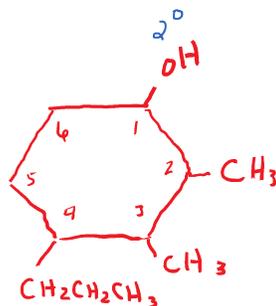


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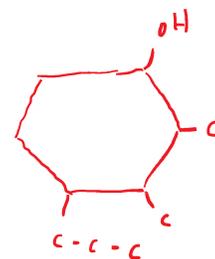


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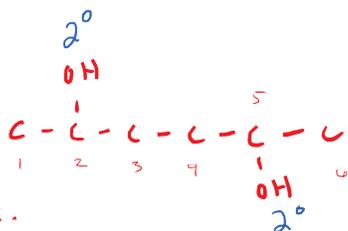


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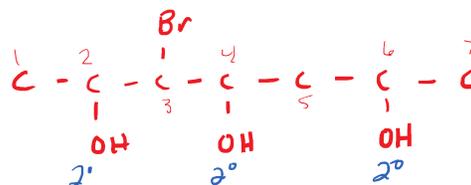


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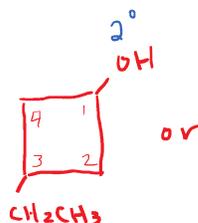
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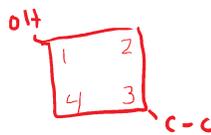
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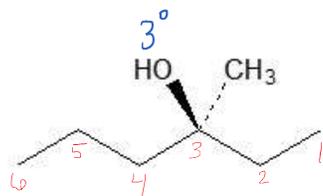


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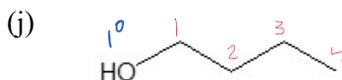


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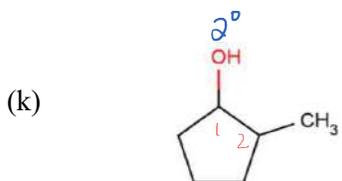
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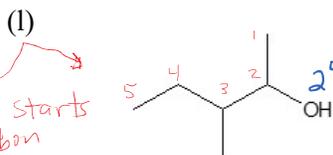
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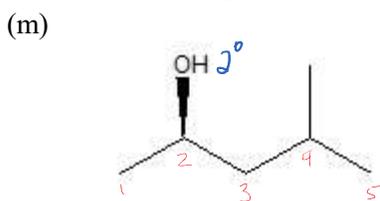
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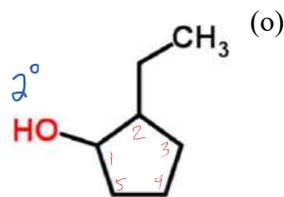
3-methyl-2-pentanol



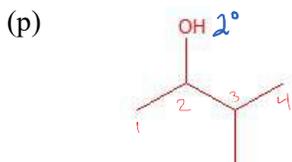
4-methyl-2-pentanol



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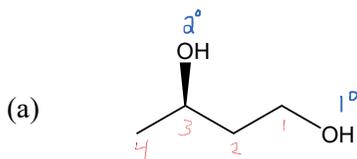
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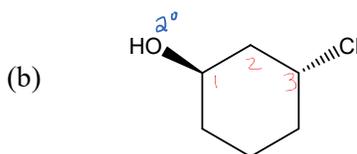
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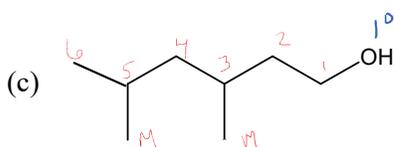


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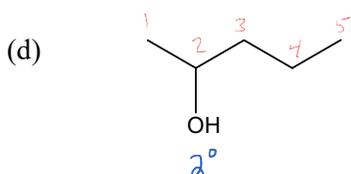
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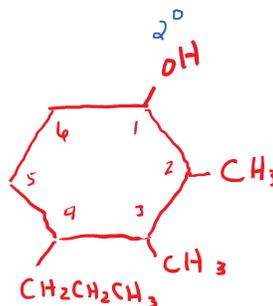


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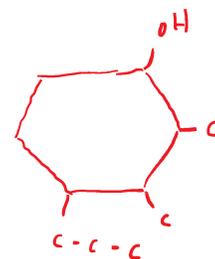


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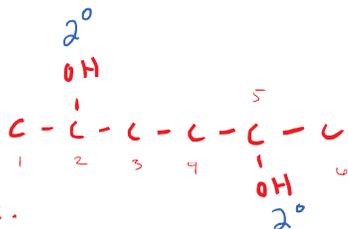


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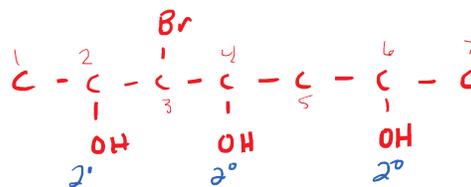


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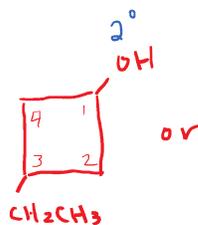
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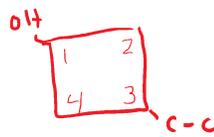
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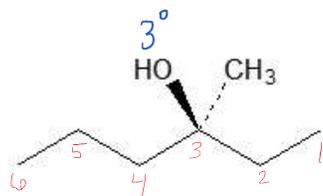


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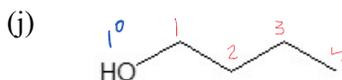


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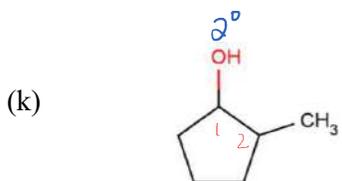
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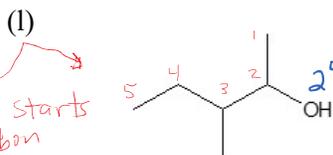
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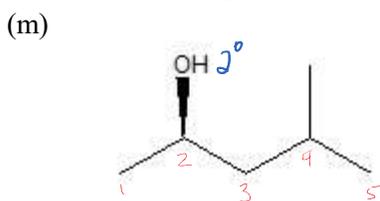
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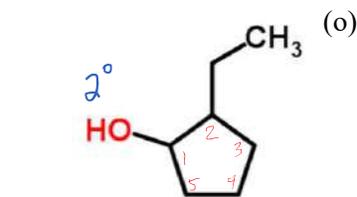
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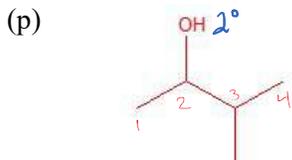
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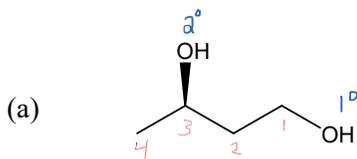
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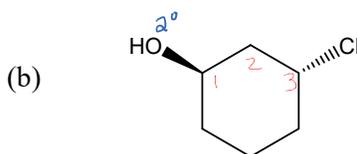
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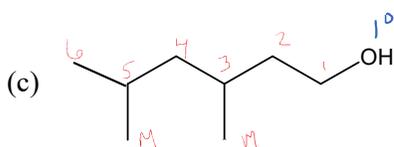


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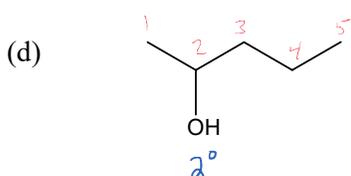
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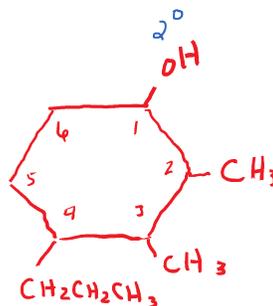


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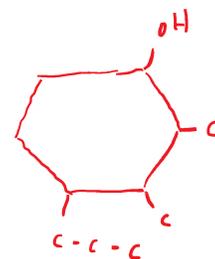


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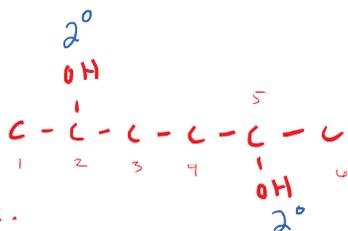


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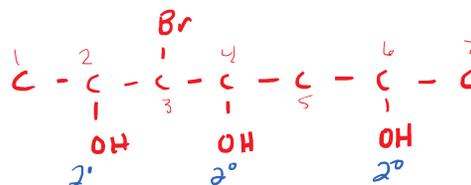


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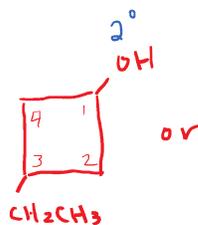
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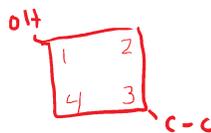
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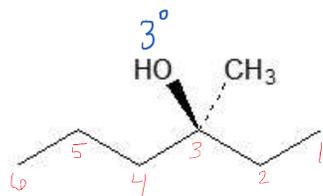


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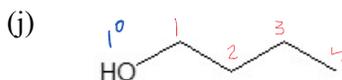


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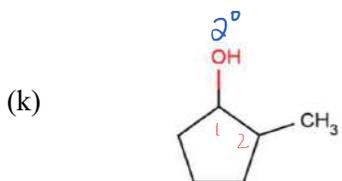
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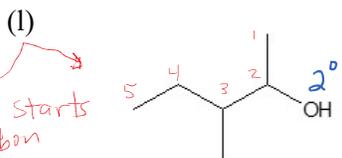
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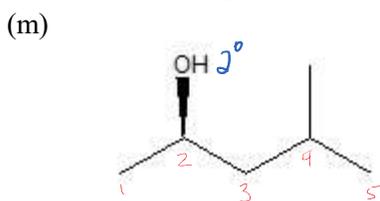
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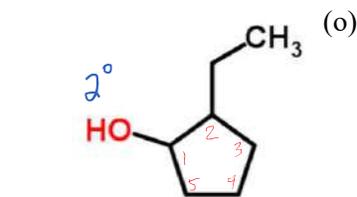
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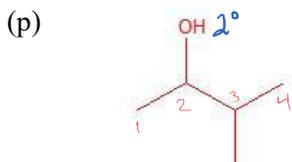
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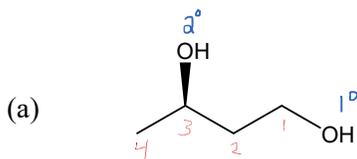
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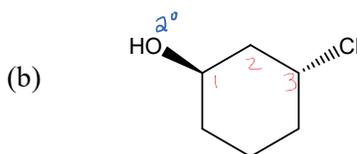
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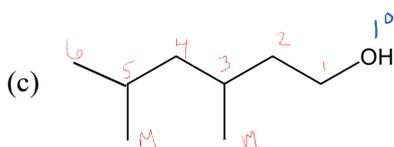


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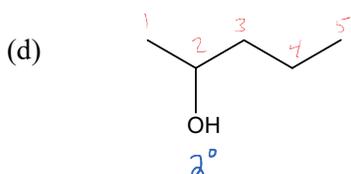
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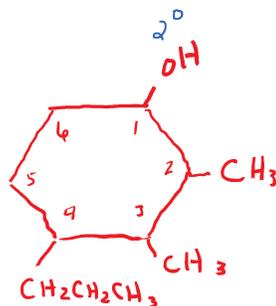


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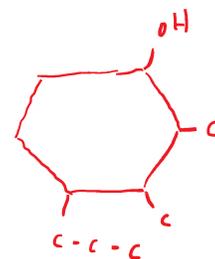


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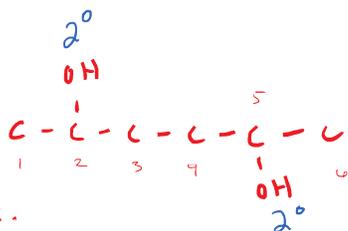


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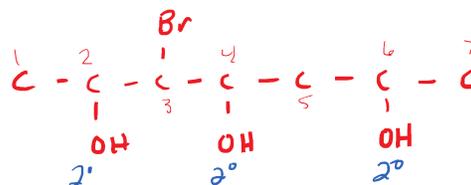


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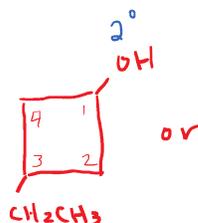
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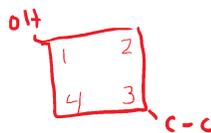
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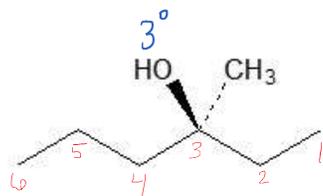


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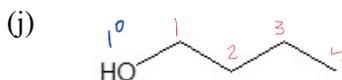


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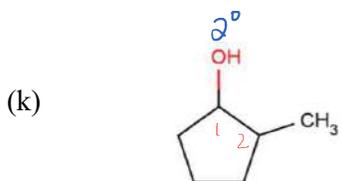
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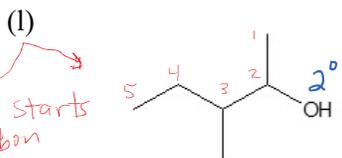
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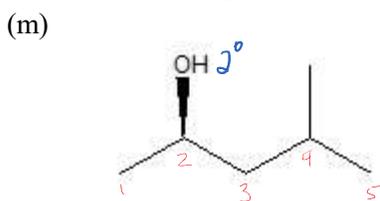
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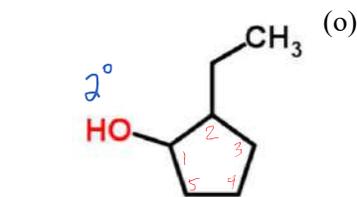
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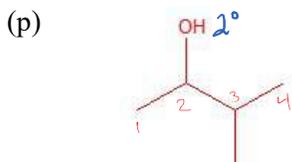
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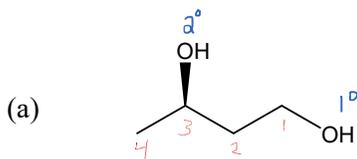
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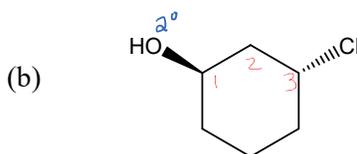
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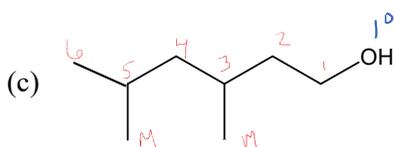


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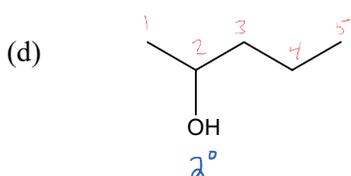
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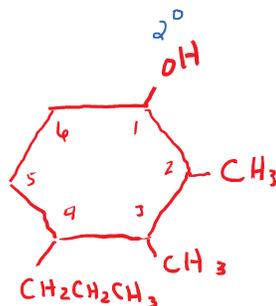


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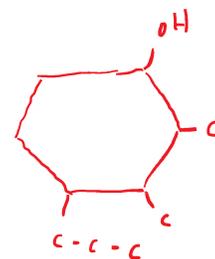


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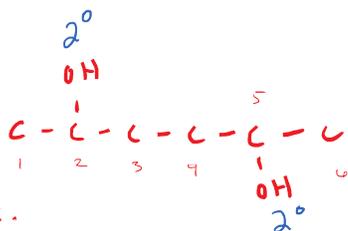


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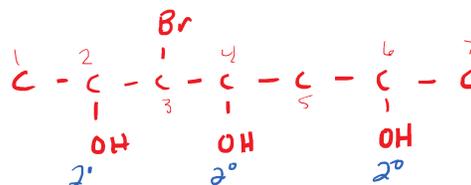


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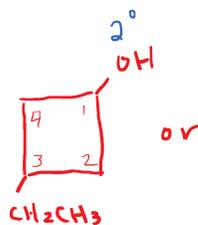
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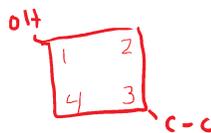
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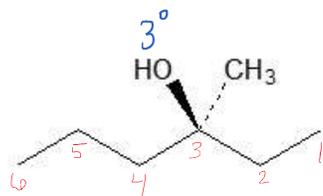


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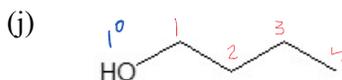


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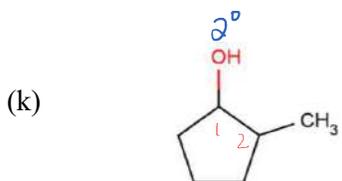
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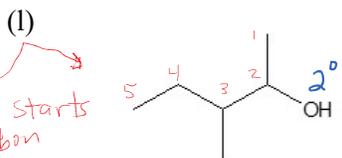
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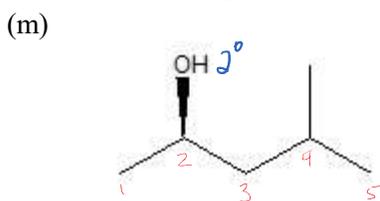
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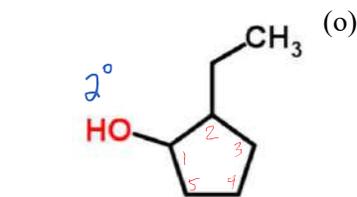
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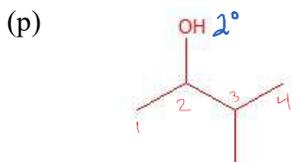
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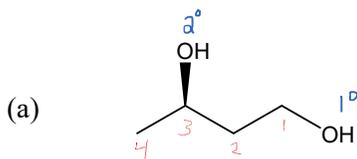
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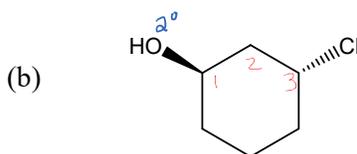
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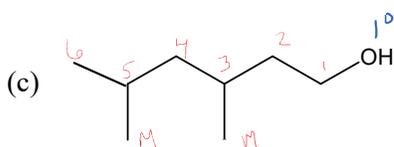


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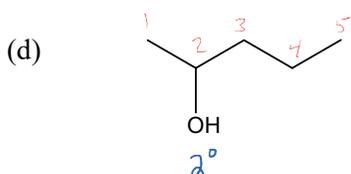
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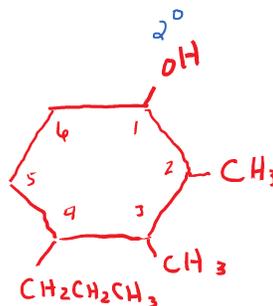


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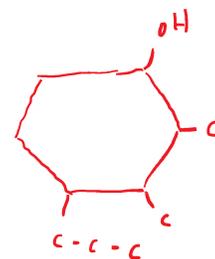


2-pentanol

- (e) 2,3-dimethyl-4-propylcyclohexanol

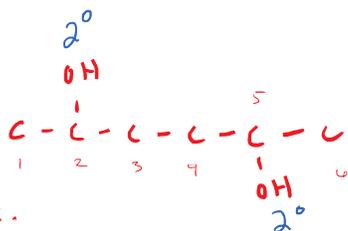


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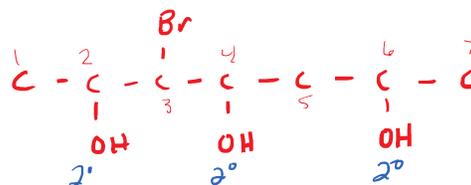


- (f) 2,5-hexanediol

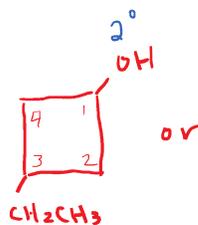
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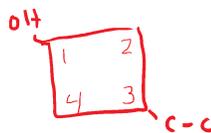
- (g) 3-bromo-2,4,6-heptanetriol



- (h) 3-ethylcyclobutanol

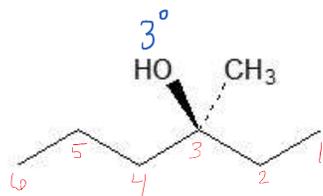


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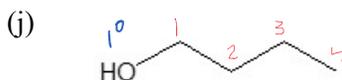


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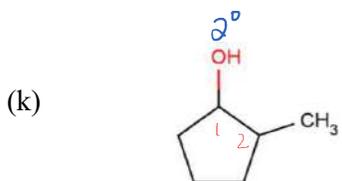
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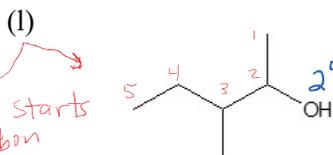
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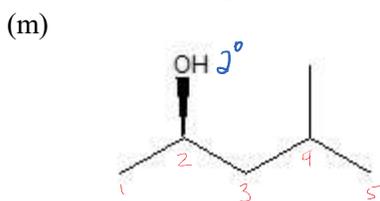


2-methylcyclopentanol



3-methyl-2-pentanol

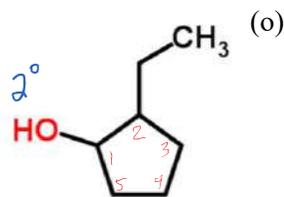
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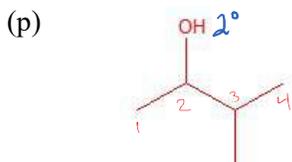
4-methyl-2-pentanol



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2-ethylcyclopentanol

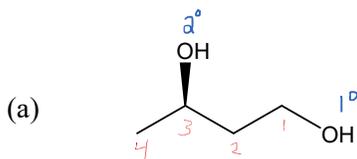


3-methyl-2-butanol

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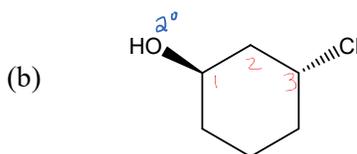
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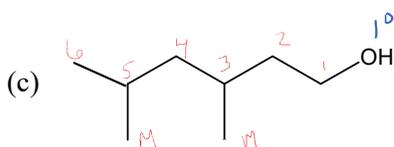


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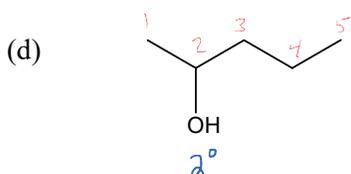
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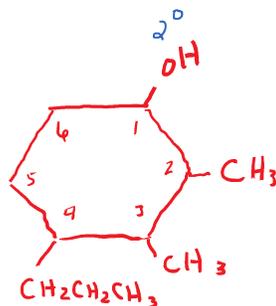


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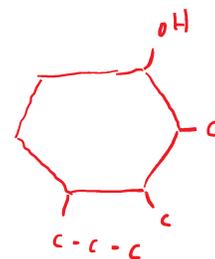


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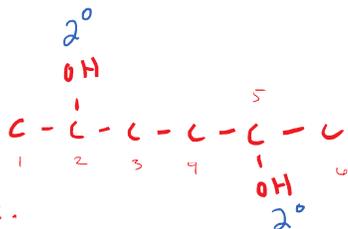


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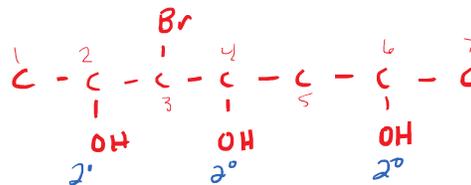


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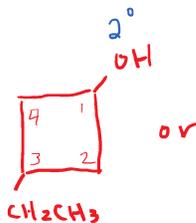
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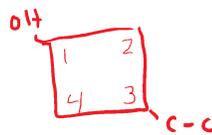
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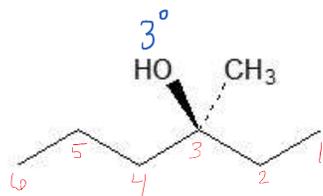


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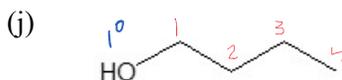


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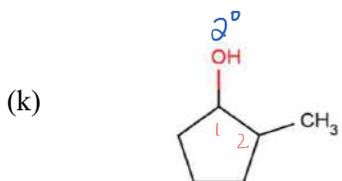
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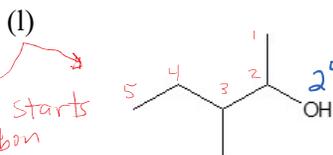
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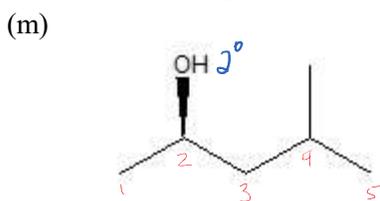
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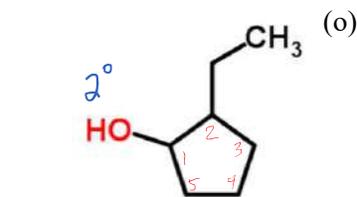
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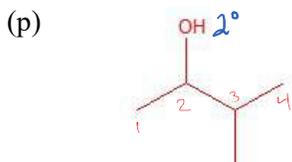
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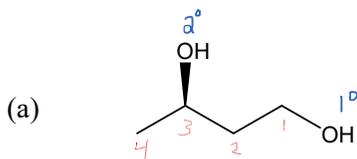
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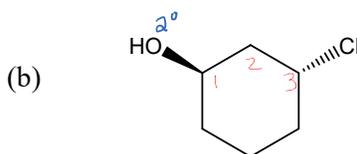
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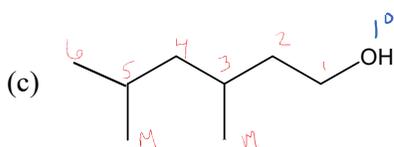


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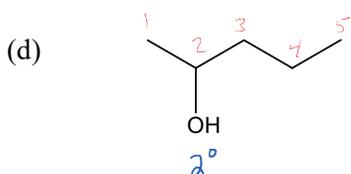
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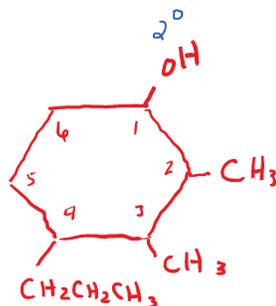


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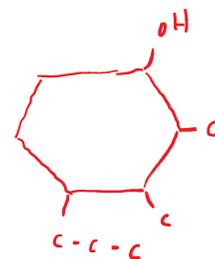


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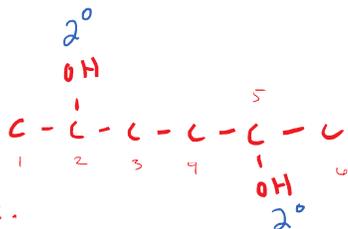


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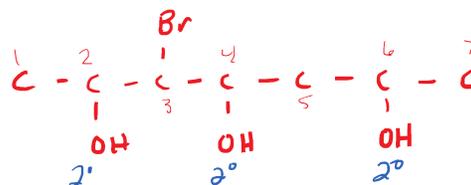


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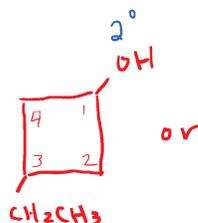
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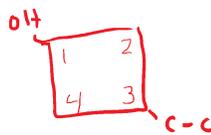
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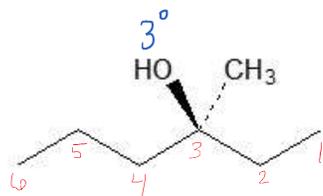


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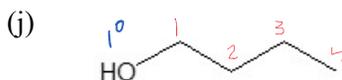


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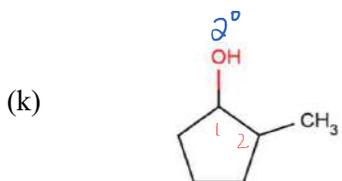
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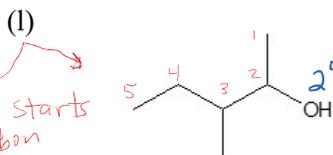
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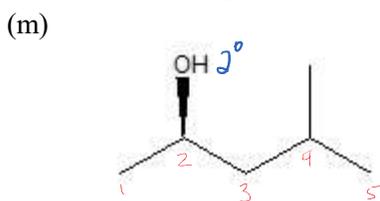
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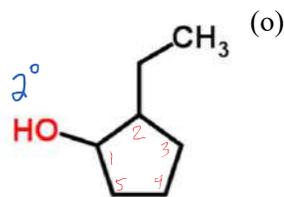
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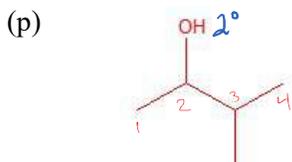
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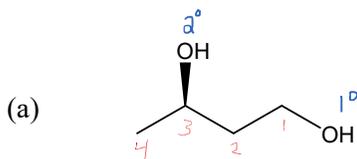
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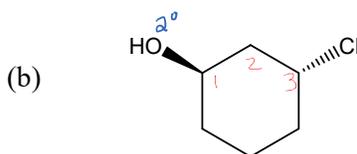
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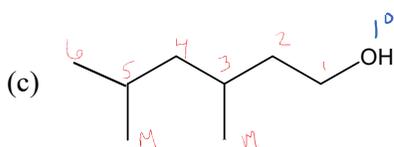


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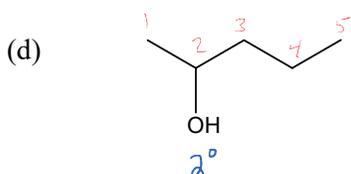
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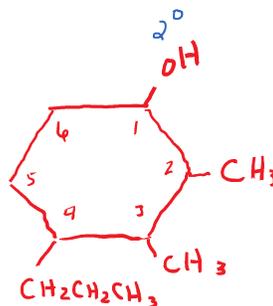


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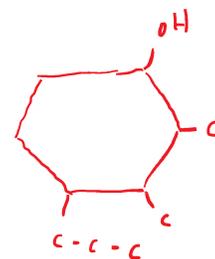


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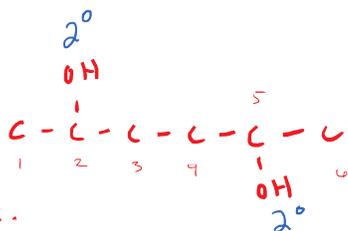


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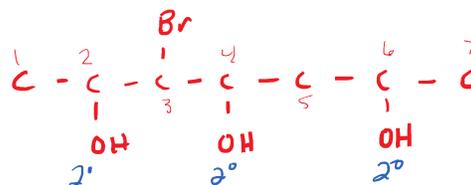


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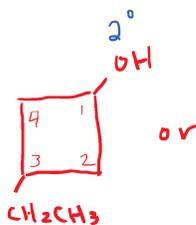
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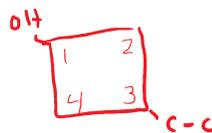
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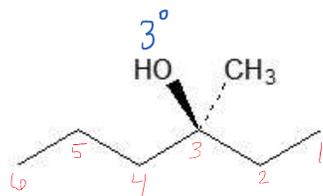


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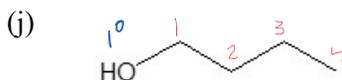


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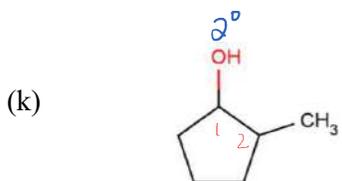
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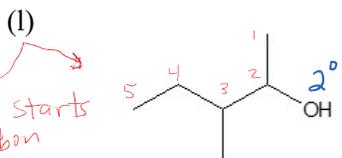
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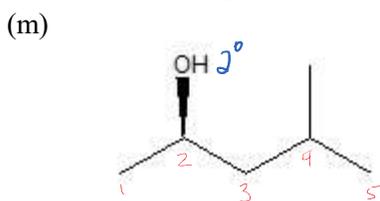
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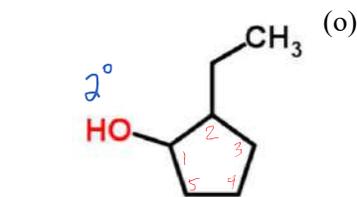
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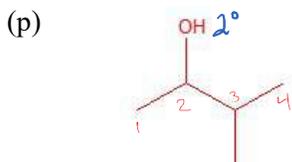
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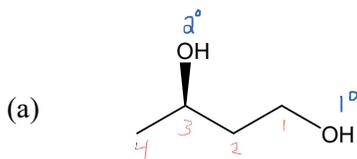
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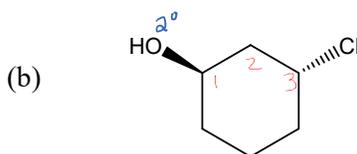
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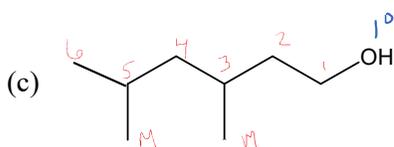


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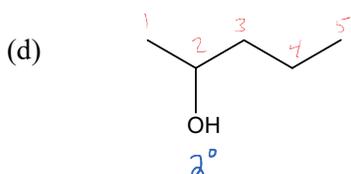
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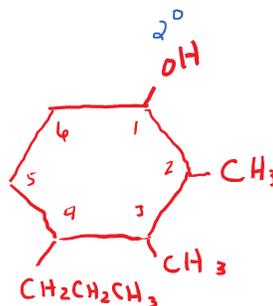


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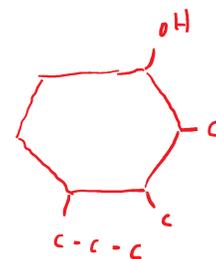


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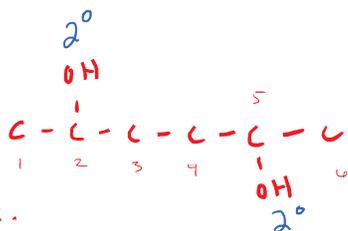


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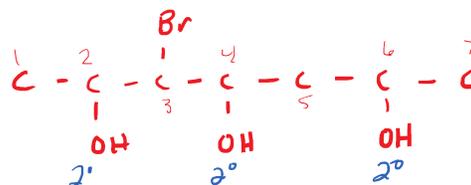


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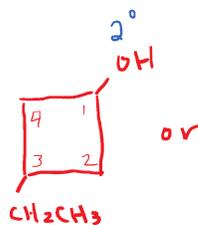
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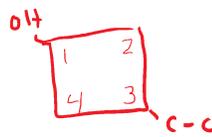
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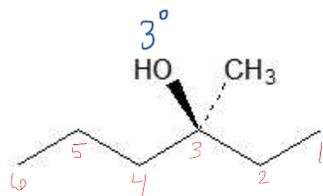


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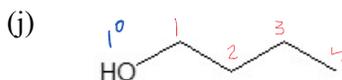


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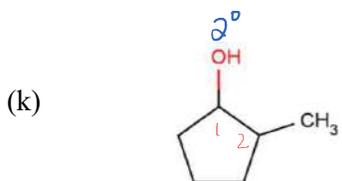
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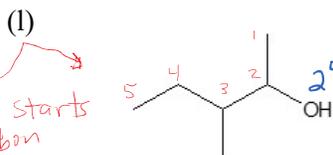
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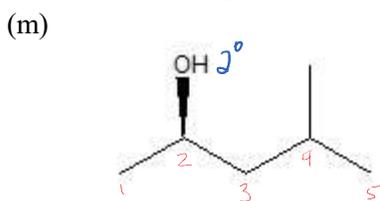
1-butanol



2-methylcyclopentanol



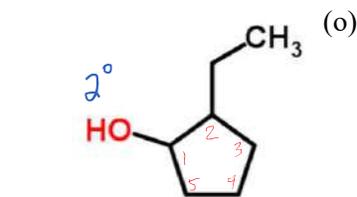
3-methyl-2-pentanol



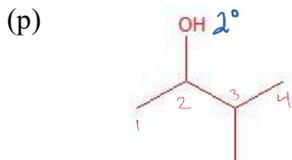
4-methyl-2-pentanol



2-butanol



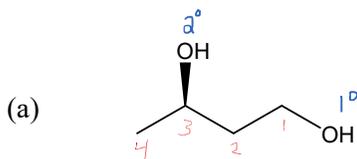
2-ethylcyclopentanol



3-methyl-2-butanol

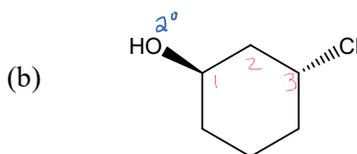
Alcohol Classification and Nomenclature Practice

1. Name or draw structures for the following compounds. Classify each alcohol as primary, secondary, or tertiary,



1,3-butanediol

Nope - not needed
3-chloro-~~cyclopentanol~~

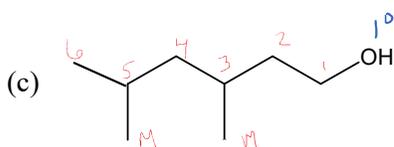


3-chlorocyclohexanol

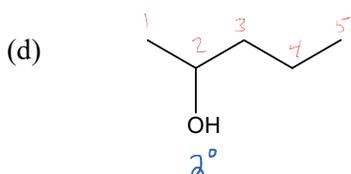
Not

Note: there is no need to include a "1" in the name of a cyclo-alcohol.

If there is only 1 "OH" group, it is implied.

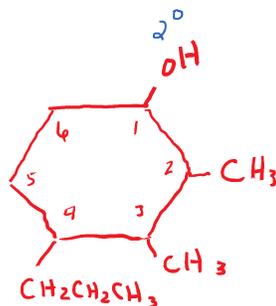


3,5-dimethyl-1-hexanol

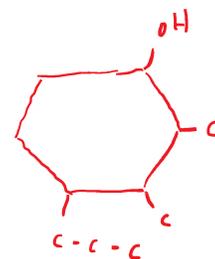


2-pentanol

- (e) 2,3-dimethyl-4-propylcyclohexanol

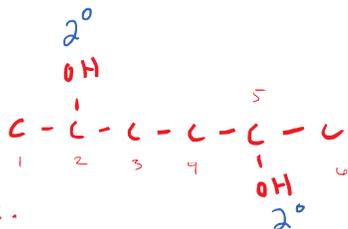


or

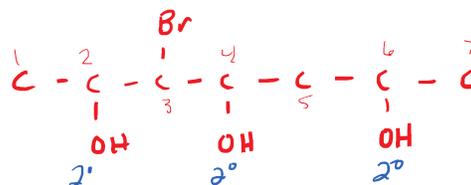


- (f) 2,5-hexanediol

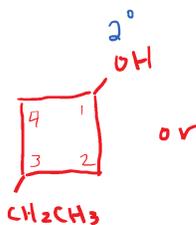
Note: your branches may go up or down differently than mine. This is OK.



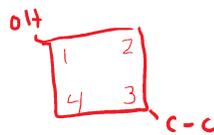
- (g) 3-bromo-2,4,6-heptanetriol



- (h) 3-ethylcyclobutanol

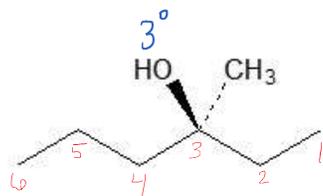


or

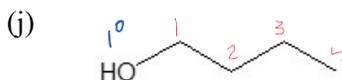


Note: you may choose to put your "OH" on a different carbon.

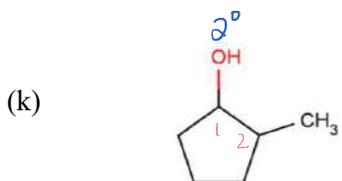
That is OK as long as you keep it #1.



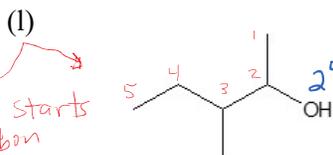
3-methyl-3-hexanol



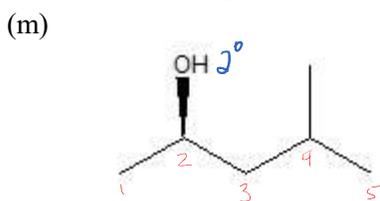
1-butanol



2-methylcyclopentanol



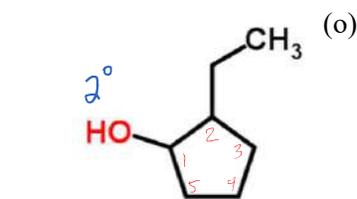
3-methyl-2-pentanol



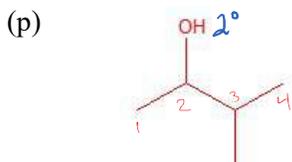
4-methyl-2-pentanol



2-butanol



2-ethylcyclopentanol



3-methyl-2-butanol