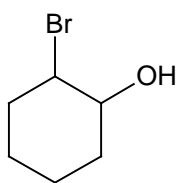
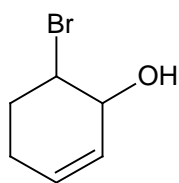


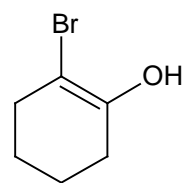
1. Vytvorte systematické názvy:



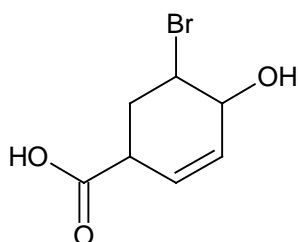
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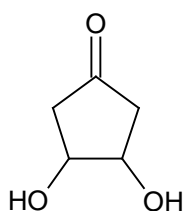
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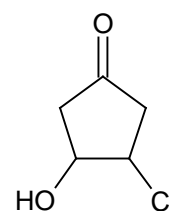
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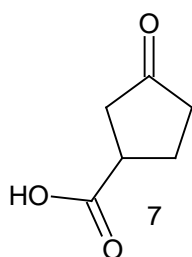
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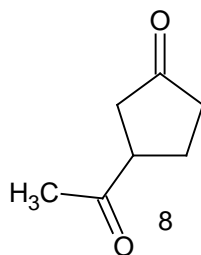
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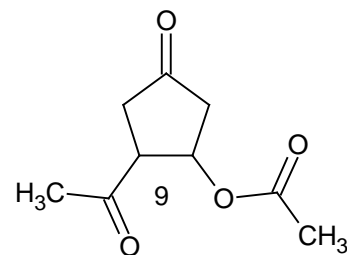
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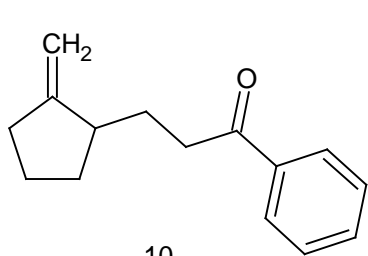
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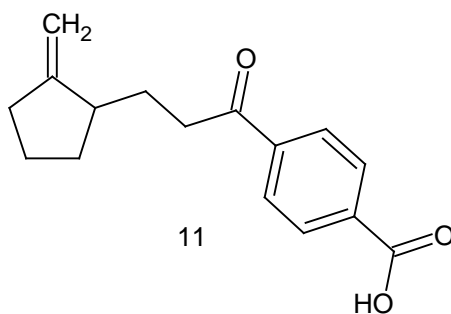
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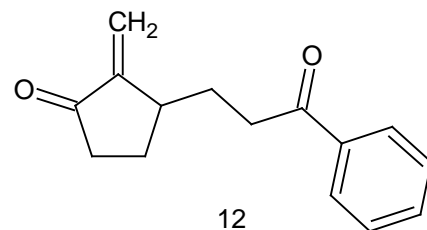
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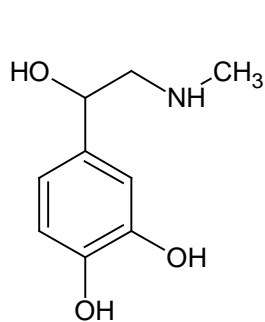
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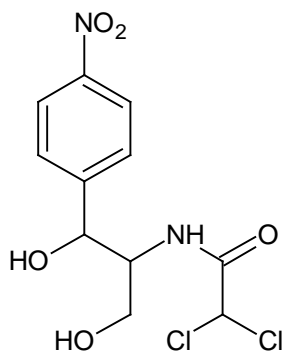
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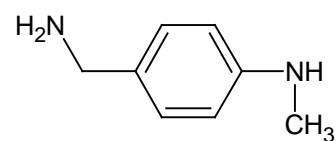
12



13



14



15

2. Z názvov vytvorte vzorce:

- 1) cyklohexankarbaldehyd
- 2) 1-fenylmethanimin
- 3) (1*E*)-benzylidenhydrazin
- 4) 4-(butan-2-yl)-5-(1-chlorpropan-2-yl)cyklohexen
- 5) 1,1'-bi(cyklopentyl)
- 6) 5-chlor-2-fenoxyfenol
- 7) 1,1'-(2-methylbutan-1,3-diyl)dibenzen
- 8) 1-fenyl-4-(3-sulfanylfenyl)butan-1-on
- 9) methyl 2,3-dimethyl-4-(naftalen-2-yl)butanoát
- 10) 2-(3-chlor-5-ethoxycyklohex-3-en-1-yl)acetamid
- 11) natrium-4-(benzoyloxy)benzen-1-sulfonát
- 12) 3-[2-methyl-7-(methylsulfanyl)heptan-2-yl]fenol
- 13) 5-(aminomethyl)-2-(hydroxymethyl)benzaldehyd
- 14) 3-ethenylbifenyl
- 15) *N,N'*-dimethylbifenyl-4,4'-diamin

Riešenie:

- 1) 2-bromcyklohexanol
- 2) 6-bromcyklohex-2-enol
- 3) 2-bromcyklohexenol
- 4) 5-brom-4-hydroxycyklohex-2-enkarboxylová kyselina
- 5) 3,4-dihydroxycyklopentanon
- 6) 3-chlor-4-hydroxycyklopentanon
- 7) 3-oxocyklopentankarboxylová kyselina
- 8) 3-acetylcyklopentanon
- 9) 2-acetyl-4-oxocyklopentyl acetát (oddelené!)
- 10) 3-(2-methylidencyklopentyl)-1-fenylpropanon
- 11) 4-[3-(2-methylidencyklopentyl)-1-propanoyl]benzoová kyselina (resp. benzenkarboxylová)

12) 2-methyliden-3-(3-oxo-3-fenylpropyl)cyklopentanon (prioritu má keto-skupina na cyklopentane)!

13) 4-[1-hydroxy-2-(methylamino)ethyl]benzen-1,2-diol

14) 2,2-dichlor-*N*-[1,3-dihydroxy-1-(4-nitrofenyl)propan-2-yl]acetamid

15) 4-(aminomethyl)-*N*-methylanilin

