

Technická univerzita vo Zvolene
Drevárska fakulta
Katedra chémie a chemických technológií

Názvoslovie halogénderivátov uhľovodíkov

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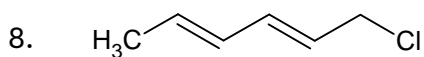
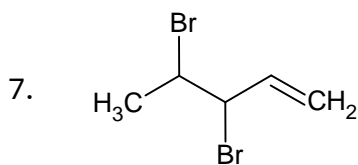
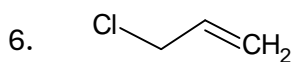
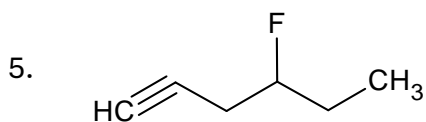
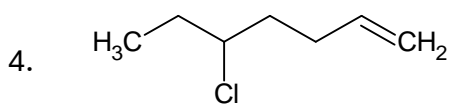
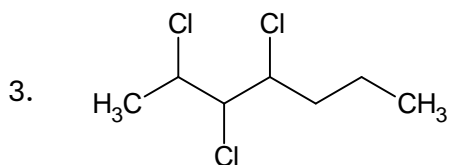
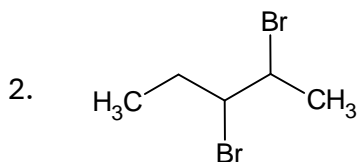
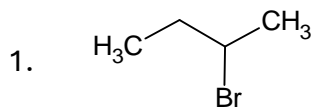
Ing. Eva Výbohová, PhD.

Ing. Tatiana Bubeníková, PhD.

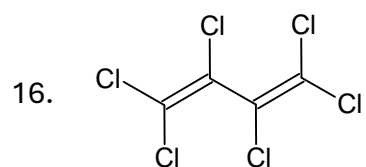
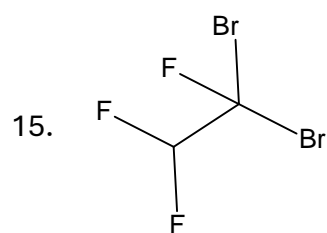
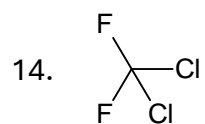
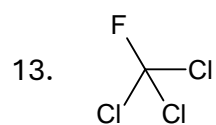
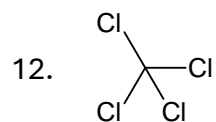
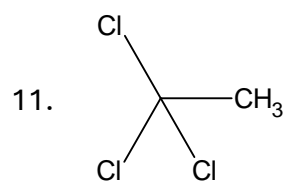
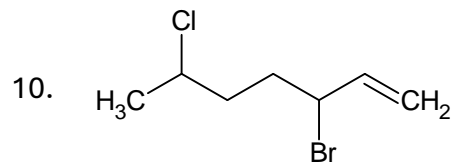
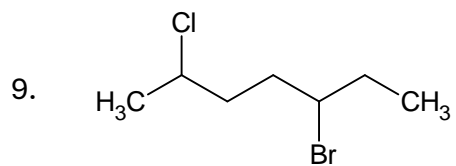
2024

Tento materiál bol vytvorený v rámci riešenia projektu KEGA 010TU Z-4/2024 Príprava multimediálnych študijných materiálov a didaktických prostriedkov pre zefektívnenie a podporu výučby organickej chémie v študijných programoch nechemického zamerania.

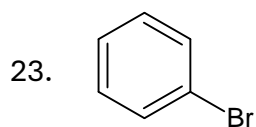
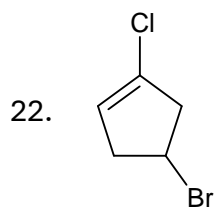
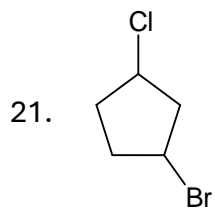
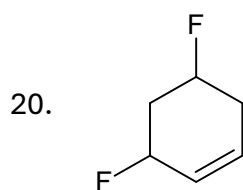
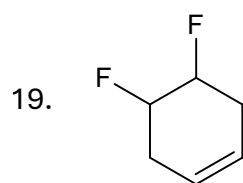
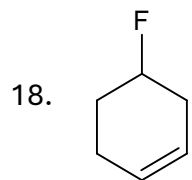
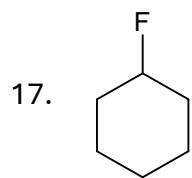
Úloha I. Napíšte názvy uvedených zlúčenín
(Správne riešenia sú uvedené v zadaní Úlohy II.)



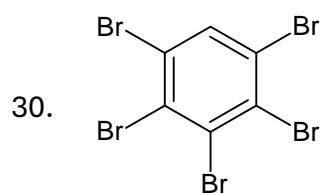
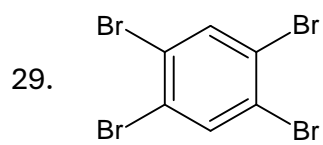
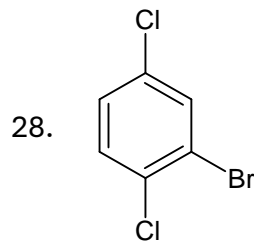
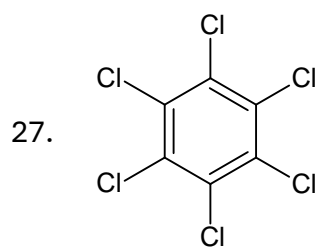
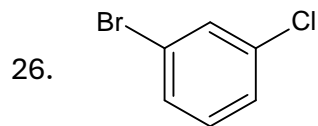
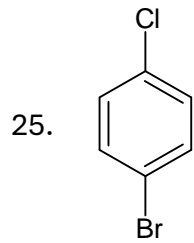
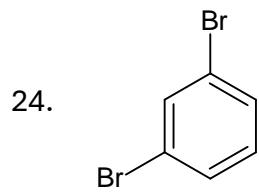
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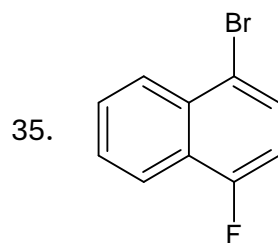
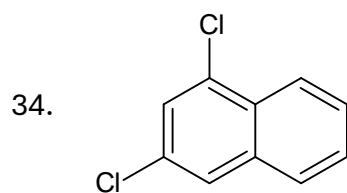
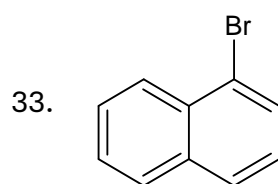
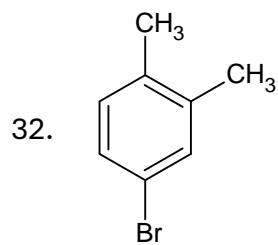
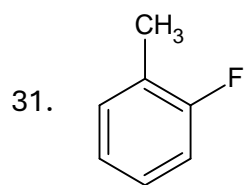
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Úloha II. Nakreslite zjednodušené štruktúrne vzorce uvedených zlúčenín
(*Správne riešenia sú uvedené v zadaní Úlohy I.*)

1. 2-brómbután
2. 2,3-dibrómpentán
3. 2,3,4-trichlórheptán
4. 5-chlórhept-1-én
5. 4-fluórhex-1-ín
6. 3-chlórprop-1-én
7. 3,4-dibrómpent-1-én
8. 6-chlórhexa-2,4-dién

Názvoslovie halogénderivátov uhľovodíkov

9. 5-bróm-2-chlórheptán

10. 3-bróm-6-chlórhept-1-én

11. 1,1,1-trichlóretán

12. tetrachlóretán

13. trichlórfuóretán

14. dichlórdifluóretán

15. 1,1-dibróm-1,2,2-trifluóretán

16. hexachlórbutadién
1,1,2,3,4,4-hexachlórbuta-1,3-dién

17. fluórcyklohexán
18. 4-fluórcyklohex-1-én
4-fluórcyklohexén
19. 4,5-difluórcyklohex-1-én
4,5-difluórcyklohexén
20. 3,5-difluórcyklohex-1-én
3,5-difluórcyklohexén
21. 1-bróm-3-chlórcyklopentán
22. 4-bróm-1-chlórcyklopent-1-én
4-bróm-1-chlórcyklopentén
23. brómbenzén

24. 1,3-dibrómbenzén
25. 1-bróm-4-chlórbenzén
26. 1-bróm-3-chlórbenzén
27. hexachlórbenzén
1,2,3,4,5,6-hexachlórbenzén
HCB
28. 2-bróm-1,4-dichlórbenzén
29. 1,2,4,5-tetrabrómbenzén

Názvoslovie halogénderivátov uhľovodíkov

30. pentabrómbenzén
1,2,3,4,5-pentabrómbenzén

31. 1-fluór-2-metylbenzén

32. 4-bróm-1,2-dimetylbenzén

33. 1-brómnaftalén

34. 1,3-dichlórnaftalén

35. 1-bróm-4-fluórnaftalén