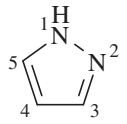
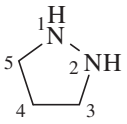
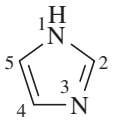
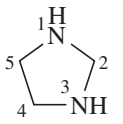
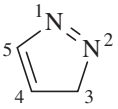
Tabel 7. Udvalgte cykliske stamhydrider med to eller flere heteroatomer [1) 2)]

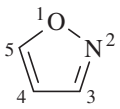

pyrazol
1*H*-1,2-diazol

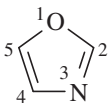

pyrazolidin
1,2-diazolidin

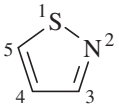

imidazol
1*H*-1,3-diazol

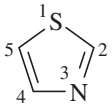

imidazolidin
1,3-diazolidin

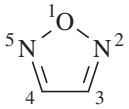

3*H*-pyrazol
3*H*-1,2-diazol

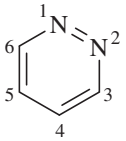

isoxazol
1,2-oxazol

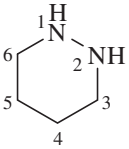

oxazol
1,3-oxazol

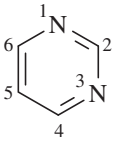

isothiazol
1,2-thiazol

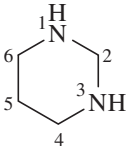

thiazol
1,3-thiazol

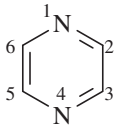

1,2,5-oxadiazol

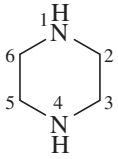

pyridazin
1,2-diazin

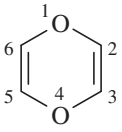

1,2-diazinan

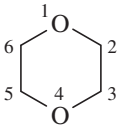

pyrimidin
1,3-diazin

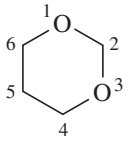

1,3-diazinan

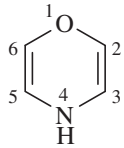

pyrazin
1,4-diazin

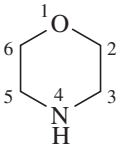

piperazin
1,4-diazinan

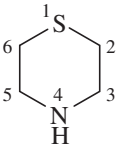

1,4-dioxin

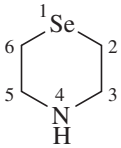

1,4-dioxan

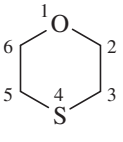

1,3-dioxan

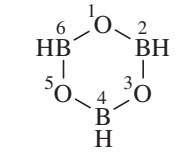

4*H*-1,4-oxazin


morpholin
1,4-oxazinan

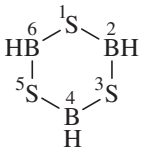

thiomorpholin
1,4-thiazinan


selenomorpholin
1,4-selenazinan

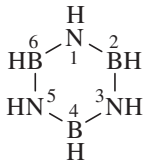

1,4-oxathian



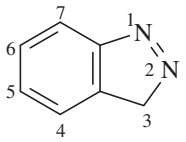
boroxin
1,3,5,2,4,6-trioxatriborinan
cyclotriboroxan



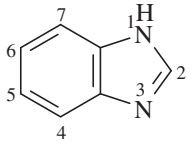
borthiin
1,3,5,2,4,6-trithiatriborinan
cyclotriborathian



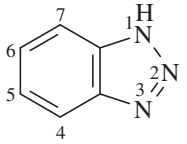
borazin
1,3,5,2,4,6-triazatriborinan
cyclotriborazan



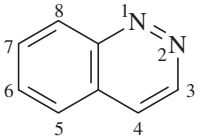
indazol (her 3*H*-)



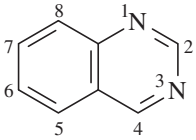
benzimidazol (her 1*H*-)



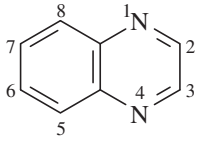
benzotriazol (her 1*H*-)



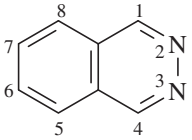
cinnolin



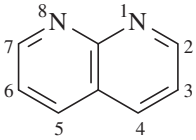
quinazolin



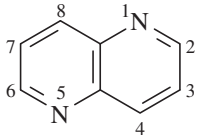
quinoxalin



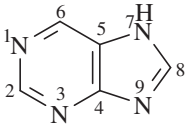
phthalazin



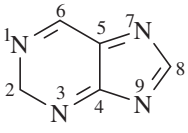
naphthyridin (her 1,8-)[3)]



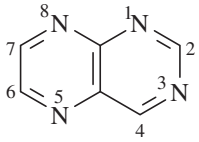
naphthyridin (her 1,5-)[3)]



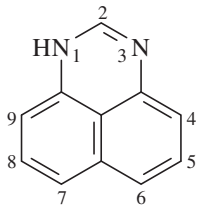
purin (her 7 *H*-)[4)]



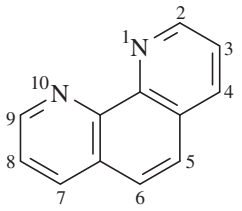
purin (her 2 *H*-)[4)]



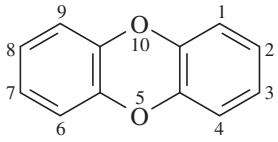
pteridin



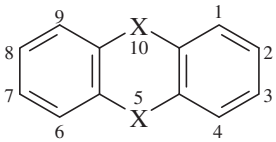
perimidin (her 1*H*-)



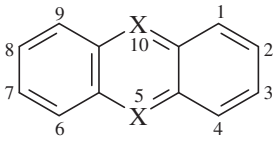
phenanthrolin (her 1,10-)[3)]



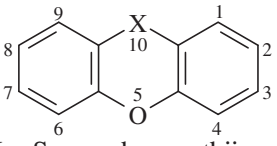
oxanthren
dibenzo[1,4]dioxin[5)]



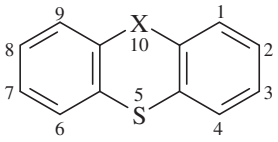
X = S: thianthren
X = Se: selenanthren
X = Te: telluranthren
X = Hg: mercuranthren[6)]



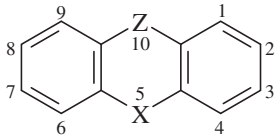
X = N: phenazin
X = P: phosphanthren
X = As: arsanthren
X = SiH: silanthren
X = B: boranthren



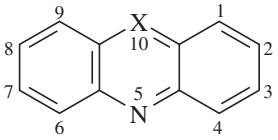
X = S: phenoxathiin
X = Se: phenoxaselenin
X = Te: phenoxatellurin
X = NH: phenoxazin (her 10*H*-)
X = PH: phenoxaphosphin[7)]
phenoxaphosphinin (her 10*H*-)
X = AsH: phenoxarsin[7)]
phenoxarsinin (her 10*H*-)
X = SbH: phenoxantimonin[7)]
phenoxastibinin (her 10*H*-)



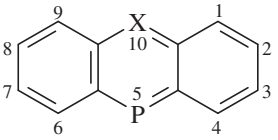
X = Se: phenothiaselenin
X = NH: phenothiazin (her 10*H*-)
X = PH: phenothiaphosphinin (her 10*H*-)
X = AsH: phenothiarsin[7)]
phenothiarsinin (her 10*H*-)



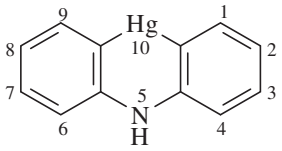
X = Se, Z = NH: phenoselenazin (her 10*H*-)
X = Se, Z = PH: phenoselenaphosphinin (her 10*H*-)
X = Te, Z = NH: phenotellurazin (her 10*H*-)



X = P: phenophosphazinin[8)]
X = As: phenarsazinin[8)]
X = Sb: phenazastibinin[8)]

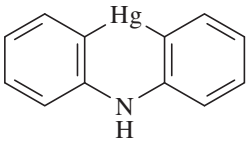


X = As: phenophospharsinin[8)]
X = Sb: phenophosphastibinin[8)]



5*H*-phenomercurazin[9)]

=



azandiyldi-*o*-phenylenkviksølv[9)]

1) De anførte navne er stamnavne (🌐 2.3), hvis ikke andet er bemærket. Se også tabel 14D: bilan, corrin, phthalocyanin, porphyrin, yohimban.
2) Hvor samme navn dækker over flere tautomerer, er kun vist én eller to tautomerer og de tilhørende navne med indiceret hydrogen. Hvor samme navn anvendes om flere isomerer, der adskiller sig ved heteroatomers positioner, er kun vist én eller to isomerer og de tilhørende navne med eksplicitte heteroatomlokanter.
3) Tilsvarende 1,6-; 1,7-; 2,6- og 2,7-naphthyridin og 1,7-; 1,8-; 1,9-; 2,7-; 2,8-; 2,9-; 3,7-; 3,8- og 4,7-phenanthrolin; alle med ét nitrogenatom i hver terminal ring. Nummereringen i phenanthrolinskelettet er forskellig fra nummereringen af den tilgrundliggende carbocykliske stamforbindelse, phenanthren (tabel 5).
4) Ukonventionel nummerering.
5) Fusionsnavn (🌐 2.3.5.2) ud fra Hantzsch-Widman-navnet 1,4-dioxin (se ovenfor i tabellen).
6) Tidligere phenomercurin. Se også koordinationsnavnet foreslået i 🌐 3.9.2.2.
7) Disse navne er foreslået i [3, s. 466-471] og i en tabel i [4, s. 170], men forladt i 1998 [8].
8) Disse navne med gruppe 15-heteroatomaffikser er så vidt vides i overensstemmelse med 1998-reglerne [8]. Navnene phenophosphazinin og phenarsazinin er nævnt eksplicit, og det påpeges, at de bryder Hantzsch-Widman-rækkefølgen.
9) Koordinationsnavnet kan ikke bruges som stamnavn, da der ikke er nogen oplagt nummerering.