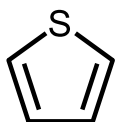
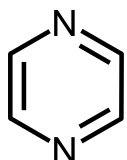


## heteroarenes

Heterocyclic compounds formally derived from arenes by replacement of one or more methine ( $-\text{C}=\text{C}-$ ) and/or vinylene ( $-\text{CH}=\text{CH}-$ ) groups by trivalent or divalent heteroatoms, respectively, in such a way as to maintain the continuous  $\pi$ -electron system characteristic of aromatic systems and a number of out-of-plane  $\pi$ -electrons corresponding to the Hückel rule ( $4n + 2$ ); an alternative term is hetarenes.



**Source:**

PAC, 1995, 67, 1307 (*Glossary of class names of organic compounds and reactivity intermediates based on structure (IUPAC Recommendations 1995)*) on page 1340