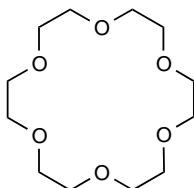


crown

A *molecular entity* comprising a monocyclic ligand assembly that contains three or more *binding sites* held together by covalent bonds and capable of binding a *guest* in a central (or nearly central) position. The *adducts* formed are sometimes known as ‘coronates’. The best known members of this group are macrocyclic polyethers, such as ‘18-crown-6’, containing several repeating units $-\text{CR}_2-\text{CR}_2\text{O}-$ (where R is most commonly H), and known as crown ethers.



18-crown-6

See also *host*.

1994, 66, 1101; see also 1995, 67, 1328