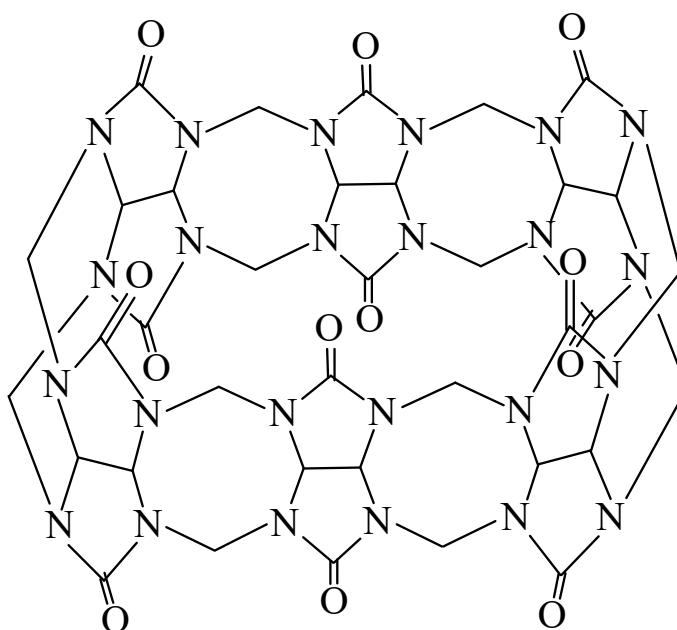




>>Entry Name: Cucurbituril



CAS Registry Number: 80262-44-8

Molecular Formula: C₃₆H₃₆N₂₄O₁₂

Molecular Weight: 996.834

Accurate Mass: 996.294456

Percentage Composition: C 43.38%; H 3.64%; N 33.72%; O 19.26%

General Statement: Rigid cage struct. with hollow core of several Angstroms diameter

Use/Importance: Forms host-guest complexes with alkylammonium ions

Physical Description: Cryst.

References:

Freeman, W.A. *et al.*, *J.A.C.S.*, 1981, **103**, 7367, (*synth, ir, pmr, cryst struct*)

Mock, W.L. *et al.*, *J.O.C.*, 1983, **48**, 3618; 3619; 1986, **51**, 4440, (*use, props*)