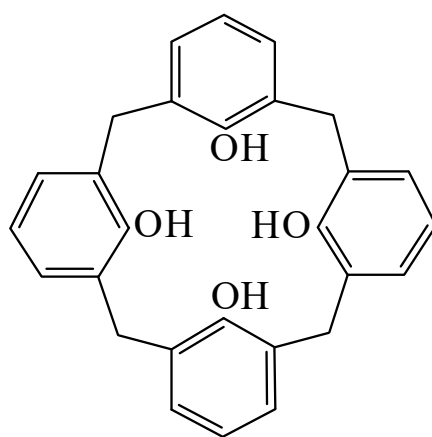




>>Entry Name: [1.1.1.1]Metacyclophane-7,14,21,28-tetrol



CAS Registry Number: 74568-07-3

Molecular Formula: C₂₈H₂₄O₄

Molecular Weight: 424.495

Accurate Mass: 424.16746

Percentage Composition: C 79.23%; H 5.70%; O 15.08%

Use/Importance: Representative of a class of compds. known as calix[4]arenes, which adopt basket-like conformns. and form guest-host complexes with small molecules within the ``basket"

Physical Description: Plates (Me₂CO)

Melting Point: Mp 315-318°

Aldrich: 42324-6

Fluka: 21262

References:

Gutsche, C.D. *et al.*, *J.O.C.*, 1978, **43**, 4905

Gutsche, C.D. *et al.*, *J.A.C.S.*, 1982, **104**, 2652, (*synth, pmr, cmr*)

Den Otter, W.K. *et al.*, *J.A.C.S.*, 1998, **120**, 13167-13175, (*conformn*)