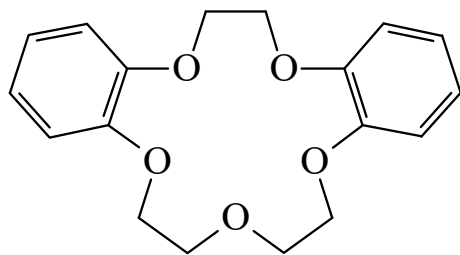




>>Entry Name: Dibenzo-15-crown-5

Synonym(s): 6,7,9,10,17,18-Hexahydrodibenzo[*b,h*][1,4,7,10,13]pentaoxacyclopentadecin, 9CI



CAS Registry Number: 14262-60-3

Molecular Formula: C<sub>18</sub>H<sub>20</sub>O<sub>5</sub>

Molecular Weight: 316.353

Accurate Mass: 316.131075

Percentage Composition: C 68.34%; H 6.37%; O 25.29%

Physical Description: Cryst. (CH<sub>2</sub>Cl<sub>2</sub>/hexane)

Melting Point: Mp 114-115°

Fluka: 33527

#### References:

Pedersen, C.J., *J.A.C.S.*, 1967, **89**, 7017, (*synth*)

Gorodnyuk, V.P. *et al.*, *Khim. Geterotsikl. Soedin.*, 1990, 1697; *Chem. Heterocycl. Compd. (Engl. Transl.)*, 1990, **26**, 1414, (*synth*)

Buchanan, G.W. *et al.*, *Can. J. Chem.*, 1991, **69**, 404, (*synth, pmr, cmr, cryst struct*)