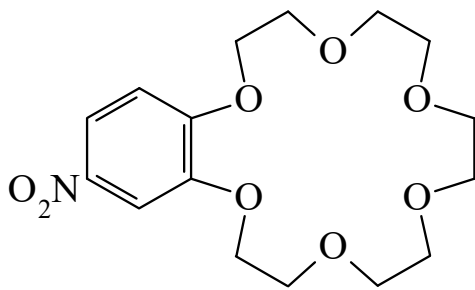




>>Entry Name: 2,3,5,6,8,9,11,12,14,15-Decahydro-18-nitro-1,4,7,10,13,16-benzohexaoxacyclooctadecin, 9Cl

Synonym(s): 4-Nitrobenzo-18-crown-6



CAS Registry Number: 53408-96-1

Molecular Formula: $C_{16}H_{23}NO_8$

Molecular Weight: 357.36

Accurate Mass: 357.142369

Percentage Composition: C 53.78%; H 6.49%; N 3.92%; O 35.82%

Use/Importance: Used as 1% soln. in dipentyl phthalate in K selective electrode (PVC membrane)

Physical Description: Yellowish leaflets (C_6H_6 /hexane)

Solubility: Sol. C_6H_6 , hexane

Fluka: 72885

References:

Petranek, J. *et al.*, *Anal. Chim. Acta*, 1974, **72**, 375, (use)

Petranek, J. *et al.*, *Coll. Czech. Chem. Comm.*, 1974, **39**, 2033, (synth)