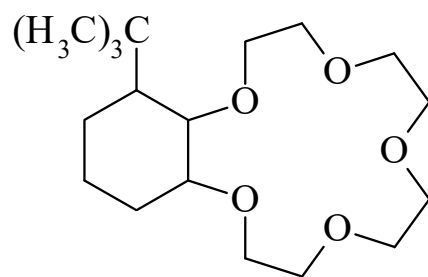




>>Entry Name: 15-(1,1-Dimethylethyl)tetradecahydro-1,4,7,10,13-benzopentaoxacyclopentadecin, 9CI

Synonym(s): 4-*tert*-Butylcyclohexyl-15-crown-5



CAS Registry Number: 17454-49-8

Type of Compound Code(s): PA3500 PS7700 PM6200

Molecular Formula: C₁₈H₃₄O₅

Molecular Weight: 330.464

Accurate Mass: 330.240625

Percentage Composition: C 65.42%; H 10.37%; O 24.21%

Use/Importance: Used for extraction of lanthanides

Physical Description: Cryst.

Solubility: Sol. toluene

References:

Ensor, D.D. *et al.*, *Anal. Chem.*, 1986, **58**, 1814, (*use*)