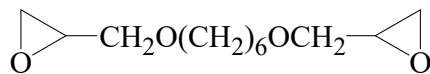




>>Entry Name: 1,6-Bis(2,3-epoxypropoxy)hexane, 8Cl

Synonym(s): 2,2'-[1,6-Hexanediylbis(oxyethylene)]bisoxirane, 9Cl



CAS Registry Number: 16096-31-4

Molecular Formula: C₁₂H₂₂O₄

Molecular Weight: 230.303

Accurate Mass: 230.15181

Percentage Composition: C 62.58%; H 9.63%; O 27.79%

Use/Importance: Reactive diluent for epoxy resins. Textile waterproofing and shrinkproofing agent

Boiling Point: Bp₁ 149-160°

References:

U.S. Pat., 1956, 2 730 427; *CA*, **50**, 6064c, (*use*)

Japan. Pat., 1989, 01 151 567; *CA*, **112**, 21404f, (*synth*)

Szczepaniak, B. *et al.*, *J. Polym. Sci., Part A: Polym. Chem.*, 1995, **33**, 1275-1281, (*synth, use*)

de Caro, P.S. *et al.*, *J. Am. Oil Chem. Soc.*, 1997, **74**, 235-240, (*synth, ir, nmr*)