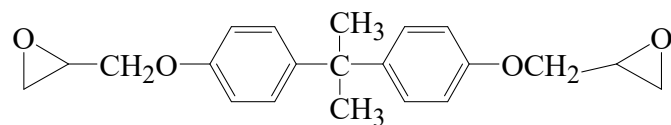




>>Entry Name: 2,2-Bis[4-(2,3-epoxypropoxy)phenyl]propane, 8Cl

Synonym(s): 2,2'-[(1-Methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane, 9Cl. 2,2-[Bis(4-glycidyloxyphenyl)]propane. Bisphenol A diglycidyl ether. DGEBA



CAS Registry Number: 1675-54-3

Molecular Formula: C<sub>21</sub>H<sub>24</sub>O<sub>4</sub>

Molecular Weight: 340.418

Accurate Mass: 340.16746

Percentage Composition: C 74.09%; H 7.11%; O 18.80%

Use/Importance: Used for the prep. of epoxy resins

Melting Point: Mp 43°

Boiling Point: Bp<sub>0.75</sub> 225-249° (lit quotes a pressure range)

Density: d<sup>21</sup> 1.16

Refractive Index: n<sub>D</sub><sup>20</sup> 1.5703

#### References:

Bring, A. *et al.*, *Chem. Listy*, 1956, **50**, 1198-1199; *CA*, **51**, 1110c, (*synth*)

Rozentuler, S.M. *et al.*, *Zh. Prikl. Khim. (Leningrad)*, 1973, **46**, 2731-2734; *CA*, **80**, 108924v, (*synth*)

Sorokin, V.P. *et al.*, *Polimery (Warsaw)*, 1977, **22**, 315-316; *CA*, **90**, 88110c, (*synth*)

Lin, S.C. *et al.*, *J. Polym. Sci., Polym. Chem. Ed.*, 1979, **17**, 3095-3119, (*synth*)

*Kirk-Othmer Encycl. Chem. Technol.*, 4th edn., Wiley, 1991, **9**, 730-755, (*rev*)

*Chem. Technol. Epoxy Resins*, 1993, (ed. Ellis, B.), Blackie, 1993, (*rev*)