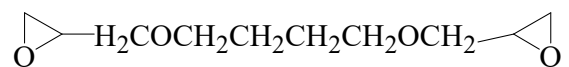




>>Entry Name: 1,4-Bis(2,3-epoxypropoxy)butane, 8Cl

Synonym(s): 2,2'-[1,4-Butanediylbis(oxymethylene)]bisoxirane, 9Cl



CAS Registry Number: 2425-79-8

Molecular Formula: C₁₀H₁₈O₄

Molecular Weight: 202.25

Accurate Mass: 202.12051

Percentage Composition: C 59.39%; H 8.97%; O 31.64%

Use/Importance: Used in adhesives and epoxy resins

Boiling Point: Bp₁₁ 155-160°

Density: d 1.05

Refractive Index: n_D²⁰ 1.4530

Aldrich: 12419-2

Sigma: B1029

References:

Patterson, W.A., *Anal. Chem.*, 1954, **26**, 823-835, (*ir*)

Reichherzer, R. *et al.*, *CA*, 1957, **51**, 290h, (*synth*)

Serboli, G., *Kunstst.-Plast. (Solothurn, Switz.)*, 1966, **13**, 106-115; *CA*, **65**, 18755f, (*synth, ir*)

Brown, R.M. *et al.*, *Org. Mass Spectrom.*, 1980, **15**, 578-581, (*ms*)