



>>Entry Name: 2,2'-[1,2-Ethanediy]bis(oxy)]bisethanethiol

Synonym(s): 1,2-Bis(2-mercaptoethoxy)ethane. 3,6-Dioxaoctane-1,8-dithiol. Triglycol dimercaptan

CAS Registry Number: 14970-87-7

HSCH₂CH₂OCH₂CH₂OCH₂CH₂SH

Molecular Formula: C₆H₁₄O₂S₂

Molecular Weight: 182.307

Accurate Mass: 182.04352

Percentage Composition: C 39.53%; H 7.74%; O 17.55%; S 35.18%

Use/Importance: Polymer intermed.

Physical Description: Liq.

Boiling Point: Bp_{0.4} 86°

Refractive Index: n_D²⁰ 1.5082

References:

Dann, J.R. *et al.*, *J.O.C.*, 1961, **26**, 1991-1995, (*synth*)

Martin, D.J. *et al.*, *J.O.C.*, 1968, **33**, 1275-1276, (*synth*)

Ger. Pat., 1981, 2 934 948; *CA*, **95**, 24266d, (*synth*)

Klemm, E. *et al.*, *Makromol. Chem.*, 1991, **192**, 153-158, (*synth*)