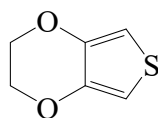




>>Entry Name: **2,3-Dihydrothieno[3,4-*b*]-1,4-dioxin**, 9CI

Synonym(s): 3,4-Ethylenedioxythiophene



CAS Registry Number: 126213-50-1

Molecular Formula: C₆H₆O₂S

Molecular Weight: 142.178

Accurate Mass: 142.00885

Percentage Composition: C 50.69%; H 4.25%; O 22.51%; S 22.55%

Physical Description: Unstable liq., dec. on standing

Boiling Point: Bp_{0.2} 65°

References:

Sotzing, G.A. *et al.*, *Polym. Prepr. (Am. Chem. Soc., Div. Polym. Chem.)*, 1996, **37**, 795-796, (*synth*)

Coffey, M. *et al.*, *Synth. Commun.*, 1996, **26**, 2205-2212, (*synth, ir, pmr, cmr*)