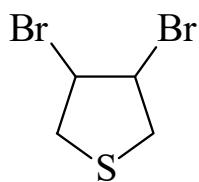




>>Entry Name: 3,4-Dibromotetrahydrothiophene



CAS Registry Number: 15091-32-4

Related CAS Registry Numbers(s): 15091-30-2

Molecular Formula: C₄H₆Br₂S

Molecular Weight: 245.965

Accurate Mass: 243.895692

Percentage Composition: C 19.53%; H 2.46%; Br 64.97%; S 13.04%

Boiling Point: Bp_{0.57} 85-85.7°

Other Data: Synth. and props. refer to mixt. of stereoisomers

>>Derivative: S,S-Dioxide

CAS Registry Number: 7311-84-4

Molecular Formula: C₄H₆Br₂O₂S

Molecular Weight: 277.964

Accurate Mass: 275.885522

Percentage Composition: C 17.28%; H 2.18%; Br 57.49%; O 11.51%; S 11.54%

Physical Description: Plates (CHCl₃/C₆H₆)

Melting Point: Mp 142.5-143.5° (141-141.8°)

Boiling Point: Bp₁₅ 204° dec.

Aldrich: 40468-3

Other: PB D10714

References:

Kilmer, G.W. *et al.*, *J. Biol. Chem.*, 1942, **145**, 495, (*synth*)

Krug, R.C. *et al.*, *J. Het. Chem.*, 1967, **4**, 309, (*synth*)