



>>Entry Name: 2,5-Dibromothiophene, 9CI

CAS Registry Number: 3141-27-3

Molecular Formula: C₄H₂Br₂S

Molecular Weight: 241.934

Accurate Mass: 239.864392

Percentage Composition: C 19.86%; H 0.83%; Br 66.05%; S 13.25%

Boiling Point: Bp 200-210°. Bp₁₀ 76-80°

Solubility: Insol. H₂O; v. sol. EtOH, Et₂O

Density: d₂₃²³ 2.147

Aldrich: 10847-2

>>Derivative: 1,1-Dioxide

CAS Registry Number: 89088-95-9

Molecular Formula: C₄H₂Br₂O₂S

Molecular Weight: 273.933

Accurate Mass: 271.854222

Percentage Composition: C 17.54%; H 0.74%; Br 58.34%; O 11.68%; S 11.71%

Physical Description: Cryst.

Melting Point: Mp 128°

References:

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Mozingo, R. *et al.*, *J.A.C.S.*, 1945, **67**, 2092-2095, (*synth*)
Boig, F.S. *et al.*, *J.O.C.*, 1953, **18**, 775-778, (*uv*)
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Nemec, M. *et al.*, *Coll. Czech. Chem. Comm.*, 1972, **37**, 3122-3123, (*synth*)
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