



CAS Registry Number: 18438-38-5
Molecular Formula: C₆H₇NS
Molecular Weight: 125.194
Accurate Mass: 125.029919
Percentage Composition: C 57.56%; H 5.64%; N 11.19%; S 25.61%
Physical Description: Liq.
Boiling Point: Bp₂₃ 100-104°

>>Derivative: S-Me; methiodide

Physical Description: Pale yellow needles (Me₂CO)
Melting Point: Mp 155-157°

>>Derivative: S-Me, N-oxide

Molecular Formula: C₆H₇NOS
Molecular Weight: 141.193
Accurate Mass: 141.024834
Percentage Composition: C 51.04%; H 5.00%; N 9.92%; O 11.33%; S 22.71%
Physical Description: Needles (EtOAc/hexane)
Melting Point: Mp 81°

References:

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Izquierdo, A. *et al.*, *Inf. Quim. Anal.*, 1971, **25**, 203; 1972, **26**, 271, (*pptn, photometric detn*)
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