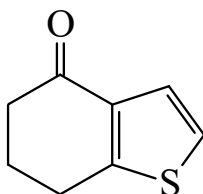




>>Entry Name: 6,7-Dihydrobenzo[b]thiophen-4(5H)-one, 9CI

Synonym(s): 7-Oxo-4,5,6,7-tetrahydrobenzo[b]thiophene. 4-Keto-4,5,6,7-tetrahydrothionaphthene. 4-Oxo-4,5,6,7-tetrahydrothianaphthene



CAS Registry Number: 13414-95-4

Molecular Formula: C₈H₈OS

Molecular Weight: 152.217

Accurate Mass: 152.029585

Percentage Composition: C 63.13%; H 5.30%; O 10.51%; S 21.07%

Physical Description: Solid (petrol)

Melting Point: Mp 36-37°. Mp 38-40°

Boiling Point: Bp₂ 106°. Bp₁ 92°

Aldrich: K360-3

Fluka: 37282

>>Derivative: 2,4-Dinitrophenylhydrazone

Physical Description: Small deep violet needles

Melting Point: Mp 263-263.5°

References:

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