



>>Entry Name: *N*-(3-Hydroxyphenyl)thiourea, 9CI

CAS Registry Number: 3394-05-6

Molecular Formula: C₇H₈N₂OS

Molecular Weight: 168.219

Accurate Mass: 168.035733

Percentage Composition: C 49.98%; H 4.79%; N 16.65%; O 9.51%; S 19.06%

Physical Description: Prisms (H₂O)

Melting Point: Mp 183-184°

>>Derivative: Et ether

Synonym(s): *N*-(3-Ethoxyphenyl)thiourea

CAS Registry Number: 64506-44-1

Molecular Formula: C₉H₁₂N₂OS

Molecular Weight: 196.273

Accurate Mass: 196.067033

Percentage Composition: C 55.08%; H 6.16%; N 14.27%; O 8.15%; S 16.34%

Physical Description: Needles (EtOH)

Melting Point: Mp 112°

References:

Meyer, R. *et al.*, *Ber.*, 1899, **32**, 2112

Beyerman, H.C. *et al.*, *Rec. Trav. Chim. (J. R. Neth. Chem. Soc.)*, 1953, **72**, 643