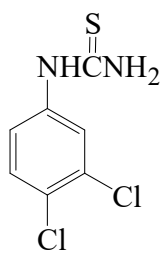




>>Entry Name: (3,4-Dichlorophenyl)thiourea, 9Cl



CAS Registry Number: 19250-09-0

Molecular Formula: C₇H₆Cl₂N₂S

Molecular Weight: 221.109

Accurate Mass: 219.962872

Percentage Composition: C 38.03%; H 2.74%; Cl 32.07%; N 12.67%; S 14.50%

Physical Description: Needles (butanone or EtOH aq.)

Melting Point: Mp 205-206°

Aldrich: 19727-0

>>Derivative: 3-*N*-Benzoyl

CAS Registry Number: 19249-85-5

Molecular Formula: C₁₄H₁₀Cl₂N₂OS

Molecular Weight: 325.217

Accurate Mass: 323.989087

Percentage Composition: C 51.71%; H 3.10%; Cl 21.80%; N 8.61%; O 4.92%; S 9.86%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 155-156°

References:

Douglas, I.B. *et al.*, *J.A.C.S.*, 1934, **56**, 1408, (*synth, deriv*)

Hughes, J.L. *et al.*, *J. Med. Chem.*, 1975, **18**, 1077, (*synth*)

Rasmussen, C.R. *et al.*, *Synthesis*, 1988, 460, (*synth*)