



>>Entry Name: (2-Nitrophenyl)thiourea, 9CI

Synonym(s): 1-(*o*-Nitrophenyl)-2-thiourea, 8CI



CAS Registry Number: 51039-84-0

Molecular Formula: C₇H₇N₃O₂S

Molecular Weight: 197.217

Accurate Mass: 197.025897

Percentage Composition: C 42.63%; H 3.58%; N 21.31%; O 16.23%; S 16.26%

Physical Description: Yellow needles (EtOH)

Melting Point: Mp 140-141.5° (136-137°)

References:

Erlenmeyer, H. *et al.*, *Helv. Chim. Acta*, 1940, **23**, 328, (*synth*)

Elderfield, R.C. *et al.*, *J.O.C.*, 1953, **18**, 1092, (*synth*)

Tripathy, H., *J. Indian Chem. Soc.*, 1973, **50**, 320, (*chromatog*)