



>>Entry Name: Isopropylthiourea

Synonym(s): (1-Methylethyl)thiourea, 9CI

CAS Registry Number: 1719-76-2

$(\text{H}_3\text{C})_2\text{CHNHCSNH}_2$

Molecular Formula: $\text{C}_4\text{H}_{10}\text{N}_2\text{S}$

Molecular Weight: 118.202

Accurate Mass: 118.056468

Percentage Composition: C 40.65%; H 8.53%; N 23.70%; S 27.13%

Physical Description: Leaflets

Melting Point: Mp 157°

References:

Mameli, E. *et al.*, *Ann. Chim. (Rome)*, 1956, **46**, 545, (*synth*)

Zahradnik, R., *Coll. Czech. Chem. Comm.*, 1959, **24**, 3678, (*synth*)

Kjaer, A. *et al.*, *Acta Chem. Scand.*, 1962, **16**, 2041, (*uv, ir*)

Fishbein, L., *Rec. Trav. Chim. (J. R. Neth. Chem. Soc.)*, 1965, **84**, 465, (*chromatog*)

Wagner, L., *Arzneim.-Forsch.*, 1965, **15**, 454, (*tlc*)