



>>Entry Name: Methylthiourea, 9CI

CAS Registry Number: 598-52-7

MeNHCSNH₂

Molecular Formula: C₂H₆N₂S

Molecular Weight: 90.149

Accurate Mass: 90.025168

Percentage Composition: C 26.65%; H 6.71%; N 31.07%; S 35.57%

Physical Description: Prisms (EtOH)

Melting Point: Mp 120.5-121°

Solubility: Sol. H₂O

pKa Value: pK_a 9.81 (25°)

Hazard & Toxicity: Exp. teratogen

Aldrich: M8460-7

Fluka: 69350

Sigma: M0520

>>Derivative: N'-Benzyl

Synonym(s): N-Benzyl-N'-methylthiourea

CAS Registry Number: 2740-94-5

Molecular Formula: C₉H₁₂N₂S

Molecular Weight: 180.273

Accurate Mass: 180.072118

Percentage Composition: C 59.96%; H 6.71%; N 15.54%; S 17.79%

Melting Point: Mp 74-76°

Aldrich: 27550-6

References:

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