



>>Entry Name: Ethylthiourea

CAS Registry Number: 625-53-6
EtNHCSNH₂

Molecular Formula: C₃H₈N₂S
Molecular Weight: 104.176
Accurate Mass: 104.040818
Percentage Composition: C 34.59%; H 7.74%; N 26.89%; S 30.78%
Melting Point: Mp 113°

Aldrich: 25253-0
Fluka: 4890

>>Derivative: N'-Me
Synonym(s): N-Ethyl-N'-methylthiourea, 9Cl

CAS Registry Number: 10220-04-9
Molecular Formula: C₄H₁₀N₂S
Molecular Weight: 118.202
Accurate Mass: 118.056468
Percentage Composition: C 40.65%; H 8.53%; N 23.70%; S 27.13%
Physical Description: Cryst.
Melting Point: Mp 54°

>>Derivative: N'-Et
Synonym(s): N,N'-Diethylthiourea, 9Cl. Thiate H

CAS Registry Number: 105-55-5
Molecular Formula: C₅H₁₂N₂S
Molecular Weight: 132.229
Accurate Mass: 132.072118
Percentage Composition: C 45.42%; H 9.15%; N 21.19%; S 24.25%
Physical Description: Cryst.
Melting Point: Mp 77°. Mp 102°
Solubility: Sol. H₂O, EtOH
Hazard & Toxicity: LD₅₀ (rat, orl) 316 mg/kg

Aldrich: D10090-0
Fluka: 32560
Rare Chemicals Library: S40769-0

References:

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