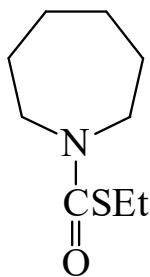




>>Entry Name: Molinate, BSI

Synonym(s): S-Ethyl hexahydro-1*H*-azepine-1-carbothioate, 9Cl. S-Ethyl *N,N*-hexamethylenethiocarbamate. Ordram. Yalan. Jalan



CAS Registry Number: 2212-67-1

Molecular Formula: C₉H₁₇NOS

Molecular Weight: 187.305

Accurate Mass: 187.103084

Percentage Composition: C 57.71%; H 9.15%; N 7.48%; O 8.54%; S 17.12%

Use/Importance: Herbicide

Physical Description: Liq.

Boiling Point: Bp₁₀ 202°

Solubility: Sol. Me₂CO, C₆H₆, MeOH; spar. sol. H₂O

Density: d₂₀²⁰ 1.065

Refractive Index: n_D³⁰ 1.5124

Hazard & Toxicity: LD₅₀ (rat, orl) 369 mg/kg. Exp. reprod. effects

Supelco: 44-2728

References:

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Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, EKO500

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