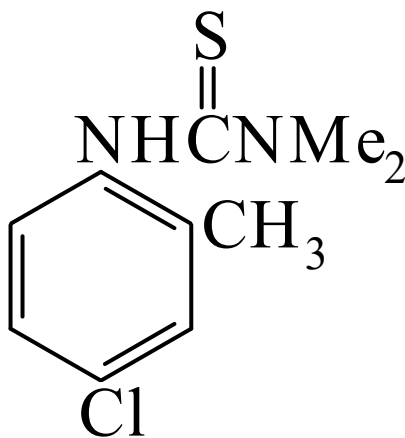




>>Entry Name: Chloromethiuron, BSI

Synonym(s): *N'*-(4-Chloro-2-methylphenyl)-*N,N*-dimethyl(thiourea), 9Cl. 3-(4-Chloro-*o*-tolyl)-1,1-dimethylthiourea. Dipofene



CAS Registry Number: 28217-97-2

Molecular Formula: C₁₀H₁₃ClN₂S

Molecular Weight: 228.745

Accurate Mass: 228.048795

Percentage Composition: C 52.51%; H 5.73%; Cl 15.50%; N 12.25%; S 14.02%

Use/Importance: Ixodicide used in sheep-dips etc.

Physical Description: Cryst.

Melting Point: Mp 175°

Solubility: V. spar. sol. H₂O, sl. sol. most org. solvs.

Hazard & Toxicity: LD₅₀ (rat, orl) 2500 mg/kg

References:

U.K. Pat., 1965, 1 138 714; *CA*, **66**, 55249f

Pesticide Manual, 9th edn., 1991, No. 2640