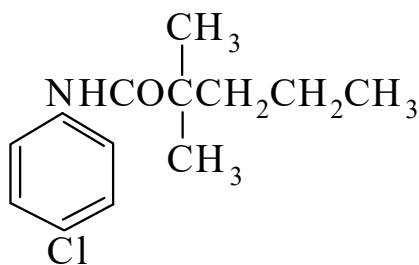




>>Entry Name: Monalide, BSI, ISO

Synonym(s): *N*-(4-Chlorophenyl)-2,2-dimethylpentanamide, 9Cl. 4'-Chloro-2,2-dimethylvaleranilide. Potablan



CAS Registry Number: 7287-36-7

Molecular Formula: C₁₃H₁₈ClNO

Molecular Weight: 239.744

Accurate Mass: 239.107691

Percentage Composition: C 65.13%; H 7.57%; Cl 14.79%; N 5.84%; O 6.67%

Use/Importance: Herbicide

Physical Description: Cryst.

Melting Point: Mp 87-88°

Hazard & Toxicity: LD₅₀ (rat, orl) 2600 mg/kg

References:

U.K. Pat., 1962, 971 819; *CA*, **60**, 16438e

Pesticide Manual, 9th edn., 1991, No. 8650

Agrochemicals Handbook, 3rd edn., Royal Society of Chemistry, 1992, A283

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, CGL250