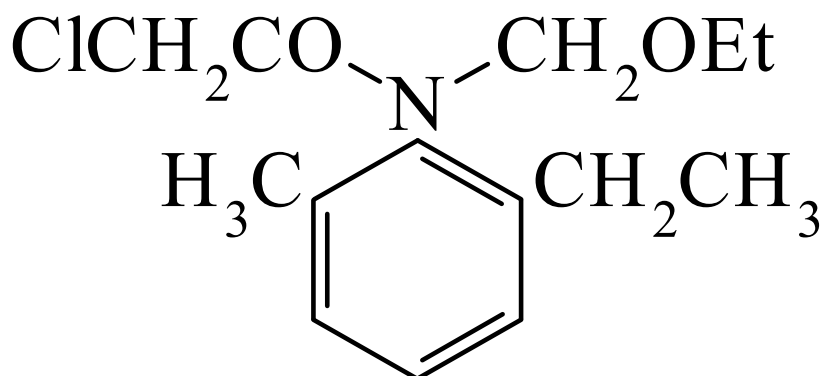




>>Entry Name: **Acetochlor**, ANSI, BSI, ISO, WSSA

Synonym(s): 2-Chloro-*N*-(ethoxymethyl)-*N*-(2-ethyl-6-methylphenyl)acetamide, 9Cl. Acenit. Nevirex. Sacemid. MG 02. Harness



CAS Registry Number: 34256-82-1

Related CAS Registry Numbers(s): 84103-54-8 85193-41-5

Molecular Formula: C₁₄H₂₀ClNO₂

Molecular Weight: 269.77

Accurate Mass: 269.118256

Percentage Composition: C 62.33%; H 7.47%; Cl 13.14%; N 5.19%; O 11.86%

Use/Importance: Herbicide and plant protectant

Physical Description: Blue to purple coloured oil

Boiling Point: Bp_{0.4} 134°

Hazard & Toxicity: LD₅₀ (rat, orl) 2148 mg/kg

References:

U.K. Pat., 1980, 2 048 868; *CA*, **95**, 80514, (*synth, use*)

Jablonkai, I. *et al.*, *Radiochem. Radioanal. Lett.*, 1982, **53**, 253, (*synth*)

Zupancic, B.G. *et al.*, *Synthesis*, 1982, 942, (*synth*)

Pesticide Manual, 9th edn., 1991, No. 30

Agrochemicals Handbook, 3rd edn., Royal Society of Chemistry, 1992, A835