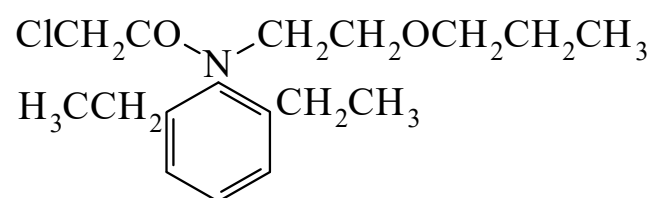




>>Entry Name: Pretilachlor, BSI, ISO

Synonym(s): 2-Chloro-*N*-(2,6-diethylphenyl)-*N*-(2-propoxyethyl)acetamide, 9Cl. 2-Chloro-2',6'-diethyl-*N*-(2-propoxyethyl)acetanilide. Solnet. Rifit



CAS Registry Number: 51218-49-6

Molecular Formula: C₁₇H₂₆ClNO₂

Molecular Weight: 311.851

Accurate Mass: 311.165206

Percentage Composition: C 65.48%; H 8.40%; Cl 11.37%; N 4.49%; O 10.26%

Use/Importance: Herbicide. Cell division inhibitor

Physical Description: Liq.

Boiling Point: Bp_{0.001} 135°

Hazard & Toxicity: Eye and skin irritant. LD₅₀ (rat, orl) 2200 mg/kg

References:

Ger. Pat., 1973, 2 328 340; *CA*, **80**, 82440g, (*synth*)

Han, S. *et al.*, *Pestic. Biochem. Physiol.*, 1991, **39**, 270, (*activity*)

Pesticide Manual, 9th edn., 1991, No. 9970

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, PMB850