



>>Entry Name: Cloethocarb, BSI, ISO

Synonym(s): 2-(2-Chloro-1-methoxyethoxy)phenyl methylcarbamate, 9Cl. BAS 263



CAS Registry Number: 51487-69-5

Molecular Formula: C₁₁H₁₄ClNO₄

Molecular Weight: 259.689

Accurate Mass: 259.061136

Percentage Composition: C 50.88%; H 5.43%; Cl 13.65%; N 5.39%; O 24.64%

>>Variant: (±)-form

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Percentage Composition: C 50.88%; H 5.43%; Cl 13.65%; N 5.39%; O 24.64%

Use/Importance: Insecticide. Cholinesterase inhibitor. Commercial use discontinued

Physical Description: Cryst.

Melting Point: Mp 69-75°

Hazard & Toxicity: LD₅₀ (rat, orl) 35.4 mg/kg

References:

Ger. Pat., 1974, 2 231 249; *CA*, **80**, 95574d, (*synth, activity*)

Harries, V. *et al.*, *CA*, 1980, **94**, 78374k, (*activity*)

Pesticide Manual, 9th edn., 1991, 176