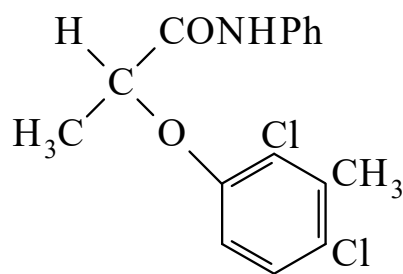




>>Entry Name: Clomeprop, BSI

Synonym(s): 2-(2,4-Dichloro-3-methylphenoxy)-*N*-phenylpropanamide, 9Cl. 2-(2,4-Dichloro-*m*-tolylloxy)propionanilide. Yukahope



CAS Registry Number: 84496-56-0

Molecular Formula: C₁₆H₁₅Cl₂NO₂

Molecular Weight: 324.205

Accurate Mass: 323.047983

Percentage Composition: C 59.28%; H 4.66%; Cl 21.87%; N 4.32%; O 9.87%

>>Variant: (±)-form

Molecular Formula: C₁₆H₁₅Cl₂NO₂

Molecular Weight: 324.205

Accurate Mass: 323.047983

Percentage Composition: C 59.28%; H 4.66%; Cl 21.87%; N 4.32%; O 9.87%

Use/Importance: Herbicide

Physical Description: Cryst.

Melting Point: Mp 146-147°

Hazard & Toxicity: LD₅₀ (rat, orl) >5000 mg/kg

References:

Japan. Pat., 1982, 57 171 904; *CA*, **98**, 67121g, (*synth, activity*)

Wongwattana, C. *et al.*, *Zasso Kenkyu*, 1988, **33**, 191; *CA*, **110**, 207723y, (*activity, metab*)

Pesticide Manual, 9th edn., 1991, 179