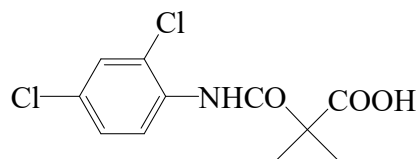




>>Entry Name: Cyclanilide

Synonym(s): 1-[(2,4-Dichlorophenyl)amino]carbonylcyclopropanecarboxylic acid, 9Cl



CAS Registry Number: 113136-77-9

Related CAS Registry Numbers(s): 113136-67-7 145592-28-5

Molecular Formula: C₁₁H₉Cl₂NO₃

Molecular Weight: 274.102

Accurate Mass: 272.995948

Percentage Composition: C 48.20%; H 3.31%; Cl 25.87%; N 5.11%; O 17.51%

Use/Importance: Plant growth regulator. Inhibits polar auxin transport

Physical Description: Solid

Melting Point: Mp 196°

Hazard & Toxicity: LD₅₀ (rat, orl) 315 mg/kg

References:

Pat. Coop. Treaty (WIPO), 1987, *Rhone-Poulenc*, 87 05 898; *CA*, **109**, 37517u, (*synth, activity*)

Pesticide Manual, 11th edn., 1997, 170