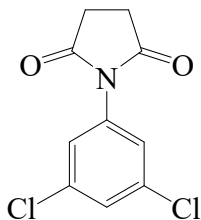




>>Entry Name: 1-(3,5-Dichlorophenyl)-2,5-pyrrolidinedione, 9Cl

Synonym(s): *N*-(3,5-Dichlorophenyl)succinimide. Dimethaclon



CAS Registry Number: 24096-53-5

Molecular Formula: C₁₀H₇Cl₂NO₂

Molecular Weight: 244.076

Accurate Mass: 242.985383

Percentage Composition: C 49.21%; H 2.89%; Cl 29.05%; N 5.74%; O 13.11%

Use/Importance: Antimicrobial agent, fungicide. Now superseded

Melting Point: Mp 138-139°

Hazard & Toxicity: Nephrotoxic

References:

Ger. Pat., 1969, 1 812 206; *CA*, **71**, 124013s, (*synth, activity*)

Ohkawa, H. *et al.*, *Agric. Biol. Chem.*, 1974, **38**, 1359-1369, (*metab*)

Henesey, C.M. *et al.*, *Toxicology*, 1995, **104**, 9-16, (*tox*)

Griffin, R.J. *et al.*, *Xenobiotica*, 1996, **26**, 369-380, (*tox*)

Pesticide Manual, 11th edn., 1997, 953