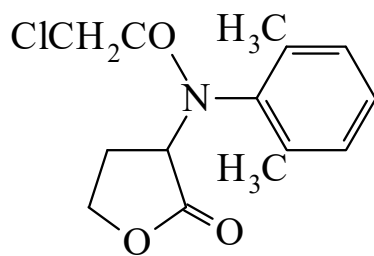




>>Entry Name: Ofurace, ANSI, BSI

Synonym(s): 2-Chloro-*N*-(2,6-dimethylphenyl)-*N*-(tetrahydro-2-oxo-3-furanyl)acetamide, 9Cl. *N*-Chloroacetyl-*N*-(2,6-dimethylphenyl)-3-amino-4,5-dihydro-2(3*H*)-furanone. α -2-Chloro-*N*-2,6-xylylacetamido- γ -butyrolactone. Ortho 20615. RE-20615



CAS Registry Number: 58810-48-3

Related CAS Registry Numbers(s): 78209-61-7 97748-72-6

Molecular Formula: C₁₄H₁₆ClNO₃

Molecular Weight: 281.738

Accurate Mass: 281.081871

Percentage Composition: C 59.68%; H 5.72%; Cl 12.58%; N 4.97%; O 17.04%

>>Variant: (±)-form

Molecular Formula: C₁₄H₁₆ClNO₃

Molecular Weight: 281.738

Accurate Mass: 281.081871

Percentage Composition: C 59.68%; H 5.72%; Cl 12.58%; N 4.97%; O 17.04%

Use/Importance: Fungicide

Physical Description: Cryst. (THF)

Melting Point: Mp 145-146°

Hazard & Toxicity: LD₅₀ (rat, orl) 2600-3500 mg/kg

References:

Kunz, W. *et al.*, *Helv. Chim. Acta*, 1979, **62**, 872, (*synth, pmr*)

Fisher, D.J. *et al.*, *Pestic. Sci.*, 1982, **13**, 330, (*activity*)

Gozzo, F. *et al.*, *Pestic. Sci.*, 1985, **16**, 277, (*synth, activity*)

Pesticide Manual, 10th edn., 1994, No. 515