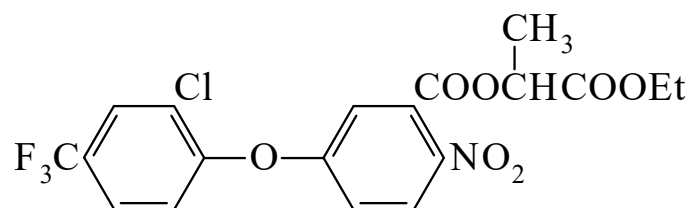




>>Entry Name: Lactofen, ANSI, WSSA

Synonym(s): 2-Ethoxy-1-methyl-2-oxoethyl 5-[2-chloro-4-(trifluoromethyl)phenoxy]-2-nitrobenzoate, 9Cl. Ethyl *O*-[5-(2-chloro- α,α,α -trifluoro-*p*-tolxyloxy)-2-nitrobenzoyl] lactate. Cobra



CAS Registry Number: 77501-63-4

Related CAS Registry Numbers(s): 81362-49-4 88762-69-0

Molecular Formula: C₁₉H₁₅ClF₃NO₇

Molecular Weight: 461.778

Accurate Mass: 461.048915

Percentage Composition: C 49.42%; H 3.27%; Cl 7.68%; F 12.34%; N 3.03%; O 24.25%

>>Variant: (±)-form

Molecular Formula: C₁₉H₁₅ClF₃NO₇

Molecular Weight: 461.778

Accurate Mass: 461.048915

Percentage Composition: C 49.42%; H 3.27%; Cl 7.68%; F 12.34%; N 3.03%; O 24.25%

Use/Importance: Herbicide

Physical Description: Yellow powder (hexane)

Melting Point: Mp 92-94.5°

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

References:

Eur. Pat., 1980, 20 052; *CA*, **94**, 191921z, (*synth, activity*)

Pesticide Manual, 10th edn., 1994, No. 425