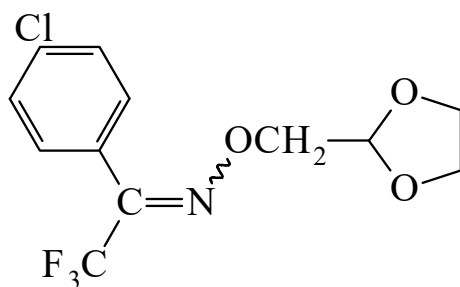




>>Entry Name: Fluxofenim, BSI

Synonym(s): 1-(4-Chlorophenyl)-2,2,2-trifluoroethanone *O*-(1,3-dioxolan-2-ylmethyl)oxime, 9CI. 4'-Chloro-2,2,2-trifluoroacetophenone *O*-1,3-dioxolan-2-ylmethyloxime. Concep III. CGA-133205



CAS Registry Number: 88485-37-4

Molecular Formula: C₁₂H₁₁ClF₃NO₃

Molecular Weight: 309.672

Accurate Mass: 309.037955

Percentage Composition: C 46.54%; H 3.58%; Cl 11.45%; F 18.41%; N 4.52%; O 15.50%

Use/Importance: Herbicide safener

Physical Description: Oil

Boiling Point: Bp_{0.1} 94°

Hazard & Toxicity: LD₅₀ (rat, orl) 670 mg/kg

References:

Eur. Pat., 1983, 89 313; *CA*, **100**, 209309e, (*synth, activity*)

Yenne, S.P. *et al.*, *J. Agric. Food Chem.*, 1990, **38**, 1957, (*activity, metab*)

Pesticide Manual, 10th edn., 1994, No. 351