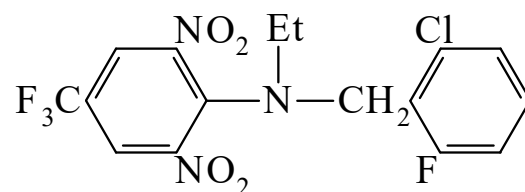




>>Entry Name: Flumetralin, BSI

Synonym(s): 2-Chloro-*N*-[2,6-dinitro-4-(trifluoromethyl)phenyl]-*N*-ethyl-6-fluorobenzenemethanamine, 9Cl. α,α,α -Trifluoro-2,6-dinitro-*N*-ethyl-*N*-(2'-chloro-6'-fluorobenzyl)-*p*-toluidine. *N*-(2-Chloro-6-fluorobenzyl)-*N*-ethyl- α,α,α -trifluoro-2,6-dinitro-*p*-toluidine. Prime. Premier



CAS Registry Number: 62924-70-3

Molecular Formula: C₁₆H₁₂ClF₄N₃O₄

Molecular Weight: 421.735

Accurate Mass: 421.045246

Percentage Composition: C 45.57%; H 2.87%; Cl 8.41%; F 18.02%; N 9.96%; O 15.17%

Use/Importance: Plant growth regulator

Physical Description: Yellow-orange cryst.

Melting Point: Mp 101-103°

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

References:

U.S. Pat., 1979, 4 169 721; *CA*, **92**, 22231c, (*synth, activity*)

Camper, N.D. *et al.*, *Pestic. Biochem. Physiol.*, 1982, **18**, 247, (*activity*)

Pesticide Manual, 9th edn., 1991, No. 6480