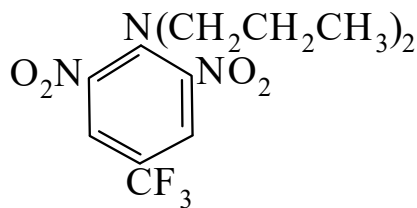




>>Entry Name: Trifluralin, ANSI, BSI, ISO, JMAF, WSSA

Synonym(s): 2,6-Dinitro-*N,N*-dipropyl-4-(trifluoromethyl)benzenamine, 9Cl. α,α,α -Trifluoro-2,6-dinitro-*N,N*-dipropyl-*p*-toluidine. Agreflan. Agriflan 24. Elancolan. Nitran. Olitref. Trefanocide. Treflan. Trifloran. Trigard. Tristar



CAS Registry Number: 1582-09-8

Molecular Formula: C₁₃H₁₆F₃N₃O₄

Molecular Weight: 335.282

Accurate Mass: 335.109291

Percentage Composition: C 46.57%; H 4.81%; F 17.00%; N 12.53%; O 19.09%

Biological Use/Importance: Selective preemergent herbicide

Melting Point: Mp 48.5-49°

Solubility: V. sol. Me₂CO, xylene, v. spar. sol. H₂O

Hazard & Toxicity: LD₅₀ (rat, orl) >10000 mg/kg. LD₅₀ (mus, orl) 5000 mg/kg. Exp. reprod. and teratogenic effects

Rare Chemicals Library: S4731-8

Supelco: R42-7670

References:

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