

Product Data Sheet

Product Name: Trifluralin

Cat. No.: GC30062

Chemical Properties

Cas. No. 1582-09-8

SMILES FC(C1=CC([N+][O-])=O)=C(N(CCC)CCC)C([N+][O-])=O=C1)(F)F

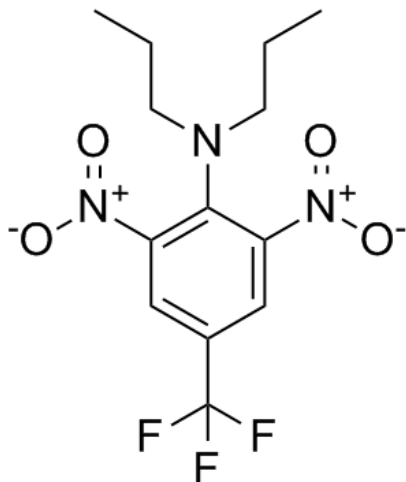
Formula $C_{13}H_{16}F_3N_3O_4$ M.Wt 335.28

Solubility DMSO : ≥ 100 mg/mL (298.26 mM); Water : < 0.1 mg/mL (insoluble) Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37°C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

Trifluralin is a commonly used pre-emergence herbicide. Trifluralin is generally applied to the soil to provide control of a variety of annual grass and broadleaf weed species. It inhibits root development

Caution: Product has not been fully validated for medical applications. For research use only.

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by interrupting mitosis, and thus can control weeds as they germinate.

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