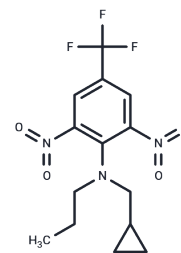


Profluralin

Chemical Properties

CAS No. :	26399-36-0
Formula:	C ₁₄ H ₁₆ F ₃ N ₃ O ₄
Molecular Weight:	347.29
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Profluralin is a effective herbicide.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8794 mL	14.3972 mL	28.7944 mL
5 mM	0.5759 mL	2.8794 mL	5.7589 mL
10 mM	0.2879 mL	1.4397 mL	2.8794 mL
50 mM	0.0576 mL	0.2879 mL	0.5759 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

- Jacobson AR, Gerig JT. Metabolism of profluralin in rats. 1. Identification of metabolites. Chem Res Toxicol. 1988 Sep-Oct;1(5):304-11. PubMed PMID: 2979747.
- Camper ND, Stralka K, Skipper HD. Aerobic and anaerobic degradation of profluralin and trifluralin. J Environ Sci Health B. 1980;15(5):457-73. PubMed PMID: 7430552.

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