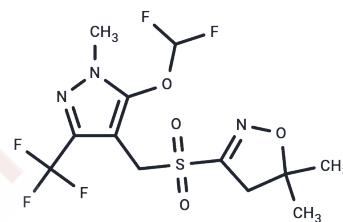


Pyroxasulfone

Chemical Properties

CAS No. :	447399-55-5
Formula:	C ₁₂ H ₁₄ F ₅ N ₃ O ₄ S
Molecular Weight:	391.31
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	Pyroxasulfone is a pre-emergence herbicide that inhibits long-chain fatty acid production in plants.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 80 mg/mL (204.44 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5555 mL	12.7776 mL	25.5552 mL
5 mM	0.5111 mL	2.5555 mL	5.111 mL
10 mM	0.2556 mL	1.2778 mL	2.5555 mL
50 mM	0.0511 mL	0.2556 mL	0.5111 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

Sikkema P H, et al. Pre-emergence herbicides for potential use in pinto and small red Mexican bean (*Phaseolus vulgaris*) production[J]. Crop Protection, 2008, 27(1): 124-129.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481