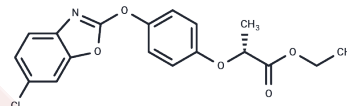


Fenoxaprop-P-ethyl

Chemical Properties

CAS No. : 71283-80-2
 Formula: C₁₈H₁₆ClNO₅
 Molecular Weight: 361.78
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Fenoxaprop-P-ethyl, a post-emergent herbicide within the aryloxyphenoxy propionate group, belongs to the phenoxy class of chemicals.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 100 mg/mL (276.41 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7641 mL	13.8206 mL	27.6411 mL
5 mM	0.5528 mL	2.7641 mL	5.5282 mL
10 mM	0.2764 mL	1.3821 mL	2.7641 mL
50 mM	0.0553 mL	0.2764 mL	0.5528 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.

Reference

Zawahir S, et al. Acute intentional self-poisoning with a herbicide product containing fenoxaprop-P-ethyl, ethoxysulfuron, and isoxadifen ethyl: a prospective observational study. Clin Toxicol (Phila). 2009 Sep;47(8):792-797.

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