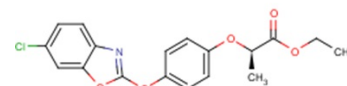


Fenoxaprop-P-ethyl

Chemical Properties

CAS No.:	71283-80-2
Formula:	C ₁₈ H ₁₆ ClNO ₅
Molecular Weight:	361.78
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Fenoxaprop-P-ethyl is a post-emergent phenoxy herbicide of the aryloxyphenoxy propionate group.
Targets(IC ₅₀)	Others: None

Solubility Information

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

	1mg	5mg	10mg
1 mM	2.764 mL	13.821 mL	27.641 mL
5 mM	0.553 mL	2.764 mL	5.528 mL
10 mM	0.276 mL	1.382 mL	2.764 mL
50 mM	0.055 mL	0.276 mL	0.553 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

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

Inhibitors · Natural Compounds · Compound Libraries

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