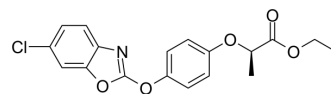


Fenoxaprop-P-ethyl

Cat. No.:	HY-B2013		
CAS No.:	71283-80-2		
Molecular Formula:	C ₁₈ H ₁₆ ClNO ₅		
Molecular Weight:	361.78		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 100 mg/mL (276.41 mM)
 * "≥" means soluble, but saturation unknown.

	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	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

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
 Solubility: ≥ 2.5 mg/mL (6.91 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
 Solubility: ≥ 2.5 mg/mL (6.91 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Fenoxaprop-P-ethyl is a post-emergent phenoxy herbicide of the aryloxyphenoxy propionate group.

REFERENCES

[1]. 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.

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

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