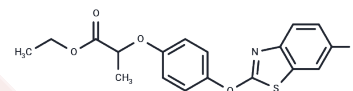


Fenthiaprop-ethyl

Chemical Properties

CAS No. :	66441-11-0
Formula:	C ₁₈ H ₁₆ ClNO ₄ S
Molecular Weight:	377.84
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	Fenthiaprop-ethyl is a post-emergent herbicide used for the control of grasses and broad-leaved weeds.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6466 mL	13.2331 mL	26.4662 mL
5 mM	0.5293 mL	2.6466 mL	5.2932 mL
10 mM	0.2647 mL	1.3233 mL	2.6466 mL
50 mM	0.0529 mL	0.2647 mL	0.5293 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

Gershater M, Sharples K, Edwards R. Carboxylesterase activities toward pesticide esters in crops and weeds. *Phytochemistry*. 2006 Dec;67(23):2561-7. Epub 2006 Oct 31. PubMed PMID: 17078983.

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