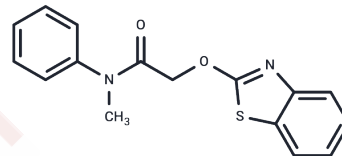


## Mefenacet

## Chemical Properties

CAS No. :	73250-68-7
Formula:	C <sub>16</sub> H <sub>14</sub> N <sub>2</sub> O <sub>2</sub> S
Molecular Weight:	298.36
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	Mefenacet is an herbicide for rice.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3517 mL	16.7583 mL	33.5166 mL
5 mM	0.6703 mL	3.3517 mL	6.7033 mL
10 mM	0.3352 mL	1.6758 mL	3.3517 mL
50 mM	0.067 mL	0.3352 mL	0.6703 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

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- Liu Z, Guo H, He H, Sun C. Sorption and cosorption of the nonionic herbicide mefenacet and heavy metals on soil and its components. *J Environ Sci (China)*. 2012;24(3):427-34. PubMed PMID: 22655355.
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