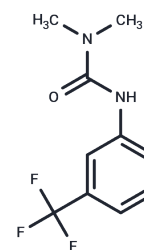


## Fluometuron

## Chemical Properties

CAS No. :	2164-17-2
Formula:	C <sub>10</sub> H <sub>11</sub> F <sub>3</sub> N <sub>2</sub> O
Molecular Weight:	232.20
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	Fluometuron is an herbicide. In the United States it was approved for use on cotton and sugarcane crops in 1974, but since 1986 is only approved for use on cotton.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.3066 mL	21.5332 mL	43.0663 mL
5 mM	0.8613 mL	4.3066 mL	8.6133 mL
10 mM	0.4307 mL	2.1533 mL	4.3066 mL
50 mM	0.0861 mL	0.4307 mL	0.8613 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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Gámiz B, Celis R, Hermosín MC, Cornejo J. Organoclays as soil amendments to increase the efficacy and reduce the environmental impact of the herbicide fluometuron in agricultural soils. J Agric Food Chem. 2010 Jul 14;58(13):7893-901. doi: 10.1021/jf100760s. PubMed PMID: 20545302.

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