

## Flurtamone

## Chemical Properties

CAS No.:	96525-23-4
Formula:	C <sub>18</sub> H <sub>14</sub> F <sub>3</sub> NO <sub>2</sub>
Molecular Weight:	333.31
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

## Biological Description

Description	Flurtamone is an agricultural chemical. Flurtamone mainly used as an herbicide.
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## 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	3.000 mL	15.001 mL	30.002 mL
5 mM	0.600 mL	3.000 mL	6.000 mL
10 mM	0.300 mL	1.500 mL	3.000 mL
50 mM	0.060 mL	0.300 mL	0.600 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. Sandmann G, Ward CE, Lo WC, Nagy JO, Böger P. Bleaching herbicide flurtamone interferes with phytoene desaturase. Plant Physiol. 1990 Oct;94(2):476-8. PubMed PMID: 16667736; PubMed Central PMCID: PMC1077256.

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