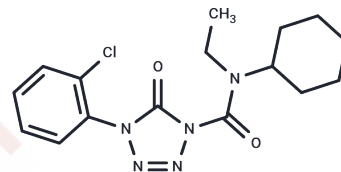


Fentrazamide

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 158237-07-1 |
| Formula: | C ₁₆ H ₂₀ ClN ₅ O ₂ |
| Molecular Weight: | 349.82 |
| 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 | Fentrazamide is a herbicide. |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.8586 mL | 14.2931 mL | 28.5861 mL |
| 5 mM | 0.5717 mL | 2.8586 mL | 5.7172 mL |
| 10 mM | 0.2859 mL | 1.4293 mL | 2.8586 mL |
| 50 mM | 0.0572 mL | 0.2859 mL | 0.5717 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

- Tandon S, Pujari A, Sand NK. Dissipation studies of fentrazamide (YRC-2388) in soil under anaerobic condition. J Environ Monit. 2012 Sep;14(9):2521-6. doi: 10.1039/c2em30257h. Epub 2012 Aug 10. PubMed PMID: 22885472.
- Tandon S, Pujari A, Sand NK. Degradation of fentrazamide herbicide in soil under aerobic condition. Bull Environ Contam Toxicol. 2012 Aug;89(2):312-5. doi: 10.1007/s00128-012-0697-5. Epub 2012 Jun 12. PubMed PMID: 22688401.
- Mukherjee I, Gopal M. Evaluation of fentrazamide for weed control and estimation of its residues in rice. Bull Environ Contam Toxicol. 2005 Apr;74(4):667-72. PubMed PMID: 16094880.
- Kuk YI, Jung HI, Kwon OD, Lee DJ, Burgos NR, Guh JO. Sulfonylurea herbicide-resistant Monochoria vaginalis in Korean rice culture. Pest Manag Sci. 2003 Sep;59(9):949-61. PubMed PMID: 12974347.

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