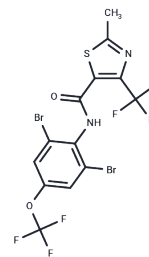


Thifluzamide

Chemical Properties

CAS No. :	130000-40-7
Formula:	C ₁₃ H ₆ Br ₂ F ₆ N ₂ O ₂ S
Molecular Weight:	528.06
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	Thifluzamide is a fungicide widely used to control crop diseases.
Targets(IC50)	Antifungal

Solubility Information

Solubility	DMSO: 70 mg/mL (132.56 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8937 mL	9.4686 mL	18.9372 mL
5 mM	0.3787 mL	1.8937 mL	3.7874 mL
10 mM	0.1894 mL	0.9469 mL	1.8937 mL
50 mM	0.0379 mL	0.1894 mL	0.3787 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

- Zhang Y , Lu J , Wang J , et al. Baseline sensitivity and resistance risk assessment of *Rhizoctonia cerealis*, to thifluzamide, a succinate dehydrogenase inhibitor[J]. *Pesticide Biochemistry & Physiology*, 2015, 124:97-102.
- Yang Y , Qi S , Wang D , et al. Toxic effects of thifluzamide on zebrafish (*Danio rerio*)[J]. *Journal of hazardous materials*, 2016, 307:127-136.

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