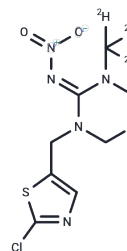


Thiamethoxam-D3

Chemical Properties

CAS No. :	1294048-82-0
Formula:	C ₈ H ₇ D ₃ ClN ₅ O ₃ S
Molecular Weight:	294.73
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	Thiamethoxam-D3 is a deuterated compound of Thiamethoxam. Thiamethoxam (T17070) has a CAS number of 153719-23-4. Thiamethoxam (T17070) is an insecticide of broad-spectrum neonicotinoids.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3929 mL	16.9647 mL	33.9294 mL
5 mM	0.6786 mL	3.3929 mL	6.7859 mL
10 mM	0.3393 mL	1.6965 mL	3.3929 mL
50 mM	0.0679 mL	0.3393 mL	0.6786 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

- Lobson C, et al. Fate of thiamethoxam in mesocosms and response of the zooplankton community. Sci Total Environ. 2018 Oct 1;637-638:1150-1157.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481