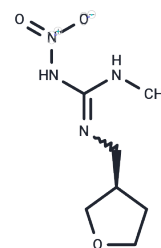


(R)-Dinotefuran

Chemical Properties

CAS No. :	406466-53-3
Formula:	C7H14N4O3
Molecular Weight:	202.21
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	(R)-Dinotefuran ((R)-MTI-446), a neonicotinoid pesticide, demonstrates insecticidal activities 1.7-2.4 times more effective against typical sucking pests like Aphis gossypii and Apolygus lucorum compared to its racemic mixtures, by targeting nicotinic acetylcholine receptors, and is effective in managing these pests while posing a reduced risk to honeybees [1].
Targets(IC50)	Others,AChR,Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.9454 mL	24.7268 mL	49.4535 mL
5 mM	0.9891 mL	4.9454 mL	9.8907 mL
10 mM	0.4945 mL	2.4727 mL	4.9454 mL
50 mM	0.0989 mL	0.4945 mL	0.9891 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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