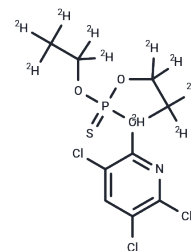


Chlorpyrifos (diethyl-D10)

Chemical Properties

CAS No. :	285138-81-0
Formula:	C ₉ H ₁₀ Cl ₃ N ₃ O ₃ P ₃ S
Molecular Weight:	360.65
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	Chlorpyrifos (diethyl-D10) is a deuterated compound of Chlorpyrifos. Chlorpyrifos has a CAS number of 2921-88-2. Chlorpyrifos is an organothiophosphate cholinesterase inhibitor that is used as an insecticide and as an acaricide.
Targets(IC50)	Cholinesterase (ChE)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7728 mL	13.8639 mL	27.7277 mL
5 mM	0.5546 mL	2.7728 mL	5.5455 mL
10 mM	0.2773 mL	1.3864 mL	2.7728 mL
50 mM	0.0555 mL	0.2773 mL	0.5546 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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