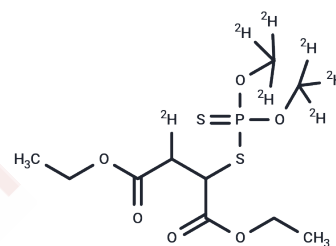


## Malathion-D7

## Chemical Properties

CAS No. :	352438-94-9
Formula:	C10H12D7O6PS2
Molecular Weight:	337.40
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	Malathion-D7 is a deuterated compound of Malathion. Malathion has a CAS number of 121-75-5. Malathion is an organophosphate parasymphomimetic which binds irreversibly to cholinesterase, is an insecticide of relatively low human toxicity.
Targets(IC50)	Cholinesterase (ChE)

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9638 mL	14.8192 mL	29.6384 mL
5 mM	0.5928 mL	2.9638 mL	5.9277 mL
10 mM	0.2964 mL	1.4819 mL	2.9638 mL
50 mM	0.0593 mL	0.2964 mL	0.5928 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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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481