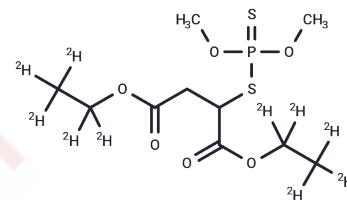


## Malathion-D10

## Chemical Properties

CAS No. : 347841-48-9  
 Formula: C<sub>10</sub>H<sub>9</sub>D<sub>10</sub>O<sub>6</sub>PS<sub>2</sub>  
 Molecular Weight: 340.42  
 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-D10 is a deuterated compound of Malathion. Malathion has a CAS number of 121-75-5. Malathion is an organophosphate parasymphathomimetic 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	2.9375 mL	14.6877 mL	29.3755 mL
5 mM	0.5875 mL	2.9375 mL	5.8751 mL
10 mM	0.2938 mL	1.4688 mL	2.9375 mL
50 mM	0.0588 mL	0.2938 mL	0.5875 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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