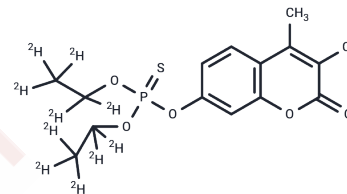


## Coumaphos-D10

## Chemical Properties

CAS No. : 287397-86-8  
 Formula: C<sub>14</sub>H<sub>6</sub>D<sub>10</sub>ClO<sub>5</sub>PS  
 Molecular Weight: 372.83  
 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	Coumaphos-D10 is a deuterated compound of Coumaphos. Coumaphos has a CAS number of 56-72-4. Coumaphos is an organothiophosphorus cholinesterase inhibitor that is utilized as an insecticide, anthelmintic, and as a nematocide.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6822 mL	13.4109 mL	26.8219 mL
5 mM	0.5364 mL	2.6822 mL	5.3644 mL
10 mM	0.2682 mL	1.3411 mL	2.6822 mL
50 mM	0.0536 mL	0.2682 mL	0.5364 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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