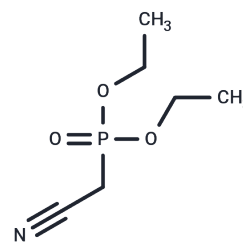


## Diethyl (cyanomethyl)phosphonate

## Chemical Properties

CAS No. :	2537-48-6
Formula:	C <sub>6</sub> H <sub>12</sub> NO <sub>3</sub> P
Molecular Weight:	177.1381
Storage:	Pure form: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Diethyl (cyanomethyl)phosphonate is a biochemical reagent that can be used as a biomaterial for life science related research and as a sulfonylation reagent for organic synthesis and drug discovery.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.6453 mL	28.2263 mL	56.4525 mL
5 mM	1.1291 mL	5.6453 mL	11.2905 mL
10 mM	0.5645 mL	2.8226 mL	5.6453 mL
50 mM	0.1129 mL	0.5645 mL	1.1291 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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