

## Geranyl pyrophosphate triammonium

## Chemical Properties

CAS No. :	116057-55-7
Formula:	C <sub>10</sub> H <sub>29</sub> N <sub>3</sub> O <sub>7</sub> P <sub>2</sub>
Molecular Weight:	365.304
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	Geranyl pyrophosphate is an intermediate in the mevalonate pathway. It is formed from dimethylallyl pyrophosphate and isopentenyl pyrophosphate by geranyl pyrophosphate synthase. Geranyl pyrophosphate is used in the biosynthesis of farnesyl pyrophosphate , geranylgeranyl pyrophosphate , cholesterol, terpenes, and terpenoids.
Targets(IC50)	Others,Endogenous Metabolite

## Solubility Information

Solubility	Methanol: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7375 mL	13.6874 mL	27.3748 mL
5 mM	0.5475 mL	2.7375 mL	5.475 mL
10 mM	0.2737 mL	1.3687 mL	2.7375 mL
50 mM	0.0547 mL	0.2737 mL	0.5475 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.

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