

Geranylgeranyl pyrophosphate, t-BA (1:1.5)

Chemical Properties

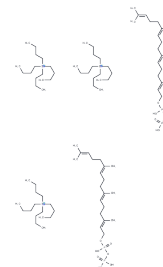
CAS No. :

Formula: C88H180N3O14P4

Molecular Weight: 1628.28

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	(2E,6E,10E)-3,7,11,15-tetramethylhexadeca-2,6,10,14-tetraen-1-yl dihydrogen diphosphate,tetrabutylammonium(1:1.5) is a common precursor of taxadiene such as Paclitaxel.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6141 mL	3.0707 mL	6.1414 mL
5 mM	0.1228 mL	0.6141 mL	1.2283 mL
10 mM	0.0614 mL	0.3071 mL	0.6141 mL
50 mM	0.0123 mL	0.0614 mL	0.1228 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.

Reference

Joseph C Utomo, et al. Developing a Yeast Platform Strain for an Enhanced Taxadiene Biosynthesis by CRISPR/Cas9. *Metabolites*. 2021 Mar 3;11(3):147.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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