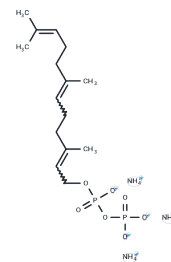


Farnesyl Pyrophosphate ammonium salt

Chemical Properties

CAS No. :	1053215-81-8
Formula:	C ₁₅ H ₃₇ N ₃ O ₇ P ₂
Molecular Weight:	433.42
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	Farnesyl Pyrophosphate ammonium salt is an isomer of (E,E)-Farnesyl Pyrophosphate ammonium salt, which is a key metabolic intermediate in the mevalonate (MVA) pathway and an agonist of TRPM2, and is involved in cholesterol synthesis, ubiquinone synthesis, protein farnesylation and other physiological processes.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3072 mL	11.5362 mL	23.0723 mL
5 mM	0.4614 mL	2.3072 mL	4.6145 mL
10 mM	0.2307 mL	1.1536 mL	2.3072 mL
50 mM	0.0461 mL	0.2307 mL	0.4614 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

Jing Chen, et al. Farnesyl pyrophosphate is a new danger signal inducing acute cell death. PLoS Biol. 2021 Apr 26; 19(4):e3001134.

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