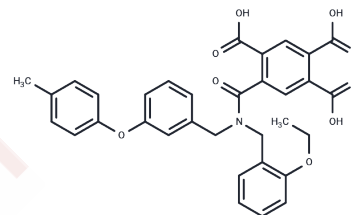


A-176120

## Chemical Properties

CAS No. : 185049-54-1  
 Formula: C<sub>33</sub>H<sub>29</sub>N<sub>3</sub>O<sub>9</sub>  
 Molecular Weight: 583.58  
 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	A-176120 is a potent farnesyl pyrophosphate (FPP) analogues, it selectively inhibits farnesyltransferase. It has anti-angiogenic potential and may reduce H-ras NIH3T3 tumour growth.
Targets(IC50)	Others,Transferase,VEGFR,Ras

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7136 mL	8.5678 mL	17.1356 mL
5 mM	0.3427 mL	1.7136 mL	3.4271 mL
10 mM	0.1714 mL	0.8568 mL	1.7136 mL
50 mM	0.0343 mL	0.1714 mL	0.3427 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

Tahir SK, Gu WZ, Zhang HC, Leal J, Lee JY, Kovar P, Saeed B, Cherian SP, Devine E, Cohen J, Warner R, Wang YC, Stout D, Arendsen DL, Rosenberg S, Ng SC. Inhibition of farnesyltransferase with A-176120, a novel and potent farnesyl pyrophosphate analogue. Eur J Cancer. 2000 Jun;36(9):1161-70. PubMed PMID: 10854950.

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