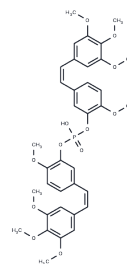


Bis(2-methoxy-5-((Z)-3,4,5-trimethoxystyryl)phenyl) hydrogen phosphate

Chemical Properties

CAS No. :	735261-22-0
Formula:	C ₃₆ H ₃₉ O ₁₂ P
Molecular Weight:	694.66
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	Phenol, 2-methoxy-5-[(1Z)-2-(3,4,5-trimethoxyphenyl)ethenyl]-, 1,1'-(hydrogen phosphate) is a chemical compound that is a phosphate derivative of the statin class.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 50 mg/mL (71.98 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4396 mL	7.1978 mL	14.3955 mL
5 mM	0.2879 mL	1.4396 mL	2.8791 mL
10 mM	0.144 mL	0.7198 mL	1.4396 mL
50 mM	0.0288 mL	0.144 mL	0.2879 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

Manage, Ajith, et al. Methods of preparing phosphoric acids of combretastatin and derivatives thereof.
WO2008103415

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