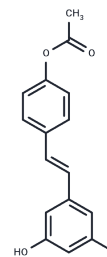


Resveratrol analog 2

Chemical Properties

CAS No. :	915378-82-4
Formula:	C ₁₆ H ₁₃ FO ₃
Molecular Weight:	272.27
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	Resveratrol analog 2 is an analog of Resveratrol, a natural polyphenolic phytoalexin with anti-oxidant, anti-inflammatory, cardioprotective, and anti-cancer properties.
Targets(IC50)	Mitophagy,Others,Autophagy,IkB/IKK,Sirtuin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6728 mL	18.3641 mL	36.7282 mL
5 mM	0.7346 mL	3.6728 mL	7.3456 mL
10 mM	0.3673 mL	1.8364 mL	3.6728 mL
50 mM	0.0735 mL	0.3673 mL	0.7346 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

Liu, Jing, "Synthesis of Resveratrol and Its Analogs, Phase-Transfer Catalyzed Asymmetric Glycolate Aldol Reaction, and Total Synthesis of 8,9-Methylamido-Geldanamycin" (2007). All Theses and Dissertations. 1415.

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