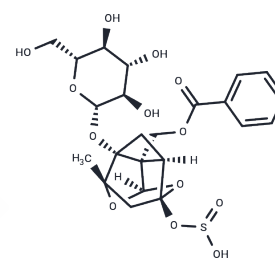


Paeoniflorin sulfite

Chemical Properties

CAS No. :	1146967-98-7
Formula:	C ₂₃ H ₂₈ O ₁₃ S
Molecular Weight:	544.53
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Paeoniflorin sulfite is a natural product discovered in sulfur-fumigated Paeoniae Radix Alba, suitable for biochemical experiments and drug synthesis research.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 80 mg/mL (146.92 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	1.8364 mL	9.1822 mL	18.3645 mL
5 mM	0.3673 mL	1.8364 mL	3.6729 mL
10 mM	0.1836 mL	0.9182 mL	1.8364 mL
50 mM	0.0367 mL	0.1836 mL	0.3673 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

Ke Pei, et al. Ultra-high-performance liquid chromatography-quadrupole/time of flight mass spectrometry combined with statistical analysis for rapidly revealing the influence of sulfur-fumigated Paeoniae Radix Alba on the chemical constituents of Si Wu Tang. Analytical Methods. 2015.

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