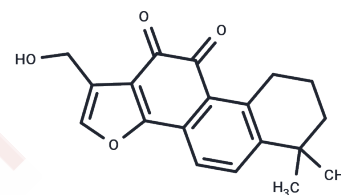


Przewaquinone A

Chemical Properties

CAS No. :	76843-23-7
Formula:	C ₁₉ H ₁₈ O ₄
Molecular Weight:	310.34
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	Przewaquinone A is a natural product exhibiting inhibitory activity against cancer cells such as A549, HCT15, and SK-OV-3.
Targets(IC50)	Others
In vitro	Przewaquinone A significantly inhibited U46619- and serotonin-induced vasoconstriction at a concentration of 15 µg/mL, but only notably affected potassium chloride-induced vasoconstriction at a concentration of 50 µg/mL [1].

Solubility Information

Solubility	DMSO: 20 mg/mL (64.45 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	3.2223 mL	16.1114 mL	32.2227 mL
5 mM	0.6445 mL	3.2223 mL	6.4445 mL
10 mM	0.3222 mL	1.6111 mL	3.2223 mL
50 mM	0.0644 mL	0.3222 mL	0.6445 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

Alan K S Wan, et al. Vascular effects of different lipophilic components of "Danshen", a traditional Chinese medicine, in the isolated porcine coronary artery. J Nat Prod. 2008 Nov;71(11):1825-8.

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