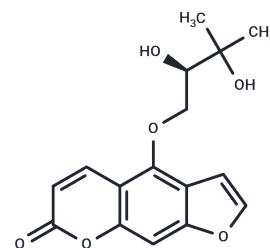


Oxypeucedanin hydrate

Chemical Properties

CAS No. :	2643-85-8
Formula:	C ₁₆ H ₁₆ O ₆
Molecular Weight:	304.29
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	1. Oxypeucedanin hydrate (Prangolarin Hydrate) has antioxidant activity. 2. Oxypeucedanin hydrate is an antimutagenic agent. 3. Oxypeucedanin hydrate exhibits carbohydrate metabolizing enzymes inhibitory effect.
Targets(IC50)	Antioxidant

Solubility Information

Solubility	DMSO: 25 mg/mL (82.16 mM), Sonication is recommended. Chloroform, Dichloromethane, Ethyl Acetate, Acetone, etc.: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2863 mL	16.4317 mL	32.8634 mL
5 mM	0.6573 mL	3.2863 mL	6.5727 mL
10 mM	0.3286 mL	1.6432 mL	3.2863 mL
50 mM	0.0657 mL	0.3286 mL	0.6573 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.

Reference

Ishihara K , Fukutake M , Asano T , et al. Simultaneous determination of byak-angelicin and oxypeucedanin hydrate in rat plasma by column-switching high-performance liquid chromatography with ultraviolet detection.[J]. Journal of Chromatography B Biomedical Sciences & Applications, 2001, 753(2):309-314.

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