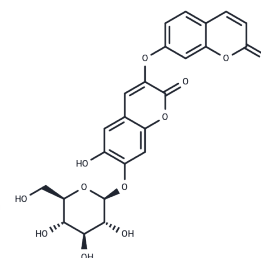


demethyldaphnoretin-7-O-glucoside

Chemical Properties

CAS No. :	438578-91-7
Formula:	C ₂₄ H ₂₀ O ₁₂
Molecular Weight:	500.41
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	Demethyldaphnoretin-7-O-glucoside is a natural product that is isolated from <i>Daphne oleoides</i> Schreber subsp. <i>kurdica</i> (DOK). In Turkish traditional medicine, the aerial parts of DOK have been used to treat malaria, rheumatism and for wound healing.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 55 mg/mL (109.91 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	1.9984 mL	9.9918 mL	19.9836 mL
5 mM	0.3997 mL	1.9984 mL	3.9967 mL
10 mM	0.1998 mL	0.9992 mL	1.9984 mL
50 mM	0.040 mL	0.1998 mL	0.3997 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

Süntar I, Küpeli Akkol E, Keles H, Yesilada E, Sarker SD, Arroo R, Baykal T. Efficacy of *Daphne oleoides* subsp. *kurdica* used for wound healing: identification of active compounds through bioassay guided isolation technique. *J Ethnopharmacol.* 2012 Jun 14;141(3):1058-70.

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