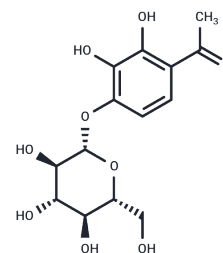


Coretinphencone

Chemical Properties

CAS No. :	1631711-77-7
Formula:	C ₁₄ H ₁₈ O ₉
Molecular Weight:	330.29
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	Coretinphencone is a natural product that is isolated from the buds of <i>Coreopsis tinctoria</i> Nutt.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 50 mg/mL (151.38 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	3.0276 mL	15.1382 mL	30.2764 mL
5 mM	0.6055 mL	3.0276 mL	6.0553 mL
10 mM	0.3028 mL	1.5138 mL	3.0276 mL
50 mM	0.0606 mL	0.3028 mL	0.6055 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

Wang W, Chen W, Yang Y, Liu T, Yang H, Xin Z. New phenolic compounds from *Coreopsis tinctoria* Nutt. and their antioxidant and angiotensin i-converting enzyme inhibitory activities. *J Agric Food Chem.* 2015 Jan 14;63(1):200-7.

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