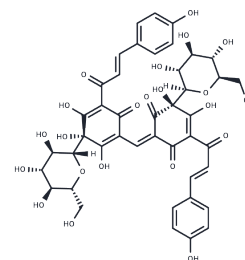


Safflower-yellow

Chemical Properties

CAS No. :	36338-96-2
Formula:	C43H42O22
Molecular Weight:	910.78
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	Safflower yellow is extracted from the flowers of the plant safflower (<i>Carthamus tinctorius</i>) and as the traditional Chinese medicine it has been extensively used for the treatment of cardio cerebrovascular diseases.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 60 mg/mL (65.88 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	1.098 mL	5.4898 mL	10.9796 mL
5 mM	0.2196 mL	1.098 mL	2.1959 mL
10 mM	0.1098 mL	0.549 mL	1.098 mL
50 mM	0.022 mL	0.1098 mL	0.2196 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

Bao LD, et al. Genet Mol Res. 2015, 14(2):6270-8.

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