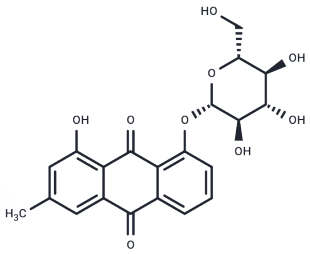
Data Sheet (Cat.No.T3S0381)

TargetMol

Chrysophanol 8-O-glucoside

Chemical Properties



CAS No. : 13241-28-6

Formula: C21H20O9

Molecular Weight: 416.38

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	Chrysophanol 8-O-glucoside and chrysophanol have mild cytotoxicity and anti-diabetic properties and can play metabolic roles in the insulin-stimulated glucose transport pathway
Targets(IC50)	Serine Protease

Solubility Information

Solubility	DMSO: 4.17 mg/mL (10.01 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4017 mL	12.0083 mL	24.0165 mL
5 mM	0.4803 mL	2.4017 mL	4.8033 mL
10 mM	0.2402 mL	1.2008 mL	2.4017 mL
50 mM	0.048 mL	0.2402 mL	0.4803 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

Qi F , Wang Z , Cai P , et al. Traditional Chinese medicine and related active compounds: A review of their role on hepatitis B virus infection[J]. Drug Discoveries & Therapeutics, 2013, 7(6):212.

Seo E J , Ngoc T M , Lee S M , et al. Chrysophanol-8-O-glucoside, an Anthraquinone Derivative in Rhubarb, Has Antiplatelet and Anticoagulant Activities[J]. Journal of Pharmacological Sciences, 2012, 118(2):245-254.

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