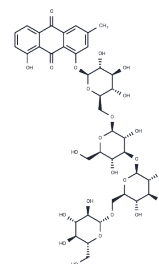


## Chrysophanol tetraglucoside

## Chemical Properties

CAS No. :	120181-08-0
Formula:	C39H50O24
Molecular Weight:	902.8
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Chrysophanol tetraglucoside is a natural product found in <i>S. obtusifolia</i> that exhibits antibacterial activity, with an IC <sub>50</sub> of 103.89 μM against PTP1B.
Targets(IC50)	Antibacterial, Phosphatase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1077 mL	5.5383 mL	11.0767 mL
5 mM	0.2215 mL	1.1077 mL	2.2153 mL
10 mM	0.1108 mL	0.5538 mL	1.1077 mL
50 mM	0.0222 mL	0.1108 mL	0.2215 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

- T Hatano, et al. Phenolic constituents of Cassia seeds and antibacterial effect of some naphthalenes and anthraquinones on methicillin-resistant *Staphylococcus aureus*. *Chem Pharm Bull (Tokyo)*. 1999 Aug;47(8):1121-7.
- Mohammed A, et al. Antidiabetic potential of anthraquinones: A review. *Phytother Res*. 2020;34(3):486-504.

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