

Chrysophanol-1-O- $\beta$ -gentiobioside

## Chemical Properties

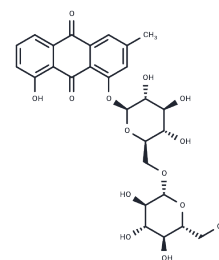
CAS No. : 54944-38-6

Formula: C<sub>27</sub>H<sub>30</sub>O<sub>14</sub>

Molecular Weight: 578.52

Appearance:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## Biological Description

Description	Chrysophanol-1-O- $\beta$ -gentiobioside, an anthraquinone glycoside derived from the seeds of <i>Cassia obtusifolia</i> , specifically inhibits hMAO-A isozyme activity with an IC <sub>50</sub> value of 96.15 $\mu$ M.
Targets(IC <sub>50</sub> )	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7285 mL	8.6427 mL	17.2855 mL
5 mM	0.3457 mL	1.7285 mL	3.4571 mL
10 mM	0.1729 mL	0.8643 mL	1.7285 mL
50 mM	0.0346 mL	0.1729 mL	0.3457 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.

## Reference

Paudel P, et al. In Vitro and In Silico Human Monoamine Oxidase Inhibitory Potential of Anthraquinones, Naphthopyrones, and Naphthalenic Lactones from *Cassia obtusifolia* Linn Seeds. ACS Omega. 2019;4(14):16139-16152. Published 2019 Sep 18.

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