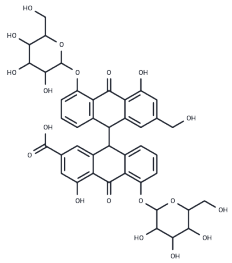
Data Sheet (Cat.No.T2S0967)

TargetMol

Sennoside C

Chemical Properties



CAS No. : 37271-16-2

Formula: C42H40O19

Molecular Weight: 848.76

Storage: Keep away from direct sunlight
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	Sennoside C is an anthraquinone glycoside extracted from leaves and pods of Senna and has an auxiliary effect on the laxative effect of mice.
Targets(IC50)	Others
In vitro	Sennoside C shows pharmacological activity against type II diabetes mellitus[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1782 mL	5.8909 mL	11.7819 mL
5 mM	0.2356 mL	1.1782 mL	2.3564 mL
10 mM	0.1178 mL	0.5891 mL	1.1782 mL
50 mM	0.0236 mL	0.1178 mL	0.2356 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

Gu J, et al. Drug-target network and polypharmacology studies of a Traditional Chinese Medicine for type II diabetes mellitus. Comput Biol Chem. 2011 Oct 12;35(5):293-7.

Jiang Z, Piao L, Ren C, et al.Identifying Natural Products as Feline Coronavirus Mpro Inhibitors by Structural-Based Virtual Screening and Enzyme-Based Assays.ACS Omega.2025

Rama Reddy NR, et al. Next Generation Sequencing and Transcriptome Analysis Predicts Biosynthetic Pathway of Sennosides from Senna (Cassia angustifolia Vahl.), a Non-Model Plant with Potent Laxative Properties. PLoS One. 2015 Jun 22;10(6):e0129422.

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481