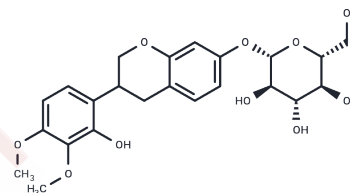


(Iso)-Isomucronulatol 7-O-glucoside

Chemical Properties

CAS No. : 94367-43-8
 Formula: C₂₃H₂₈O₁₀
 Molecular Weight: 464.46
 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	7,2'-Dihydroxy-3',4'-dimethoxyisoflavan 7-O-β-D-glucoside (Isomucronulatol 7-O-glucoside) is a biologically active isoflavone isolated from Astragalus membranaceus.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 45 mg/mL (96.89 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	2.153 mL	10.7652 mL	21.5304 mL
5 mM	0.4306 mL	2.153 mL	4.3061 mL
10 mM	0.2153 mL	1.0765 mL	2.153 mL
50 mM	0.0431 mL	0.2153 mL	0.4306 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

Xing X, et al. Quantitative Evaluation of Twelve Major Components of Sulfur-Fumigated Astragali Radix with Different Durations by UPLC-MS. Molecules. 2018 Oct 11;23(10):2609.

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