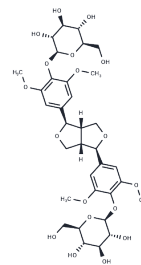


Syringaresinol diglucoside

Chemical Properties

CAS No. :	66791-77-3
Formula:	C34H46O18
Molecular Weight:	742.72
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	Syringaresinol diglucoside (Syringaresinol-di-O-glucoside) protects the animals from the stress-induced decreases in sex behaviours and in rectal temperature, the stress-induced failure of retrieval of memory, and the stress-induced enlargement of adrenal gland.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 50 mg/mL (67.32 mM), Sonication is recommended. Pyridine, Methanol, etc.: Soluble, Ethanol: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3464 mL	6.732 mL	13.464 mL
5 mM	0.2693 mL	1.3464 mL	2.6928 mL
10 mM	0.1346 mL	0.6732 mL	1.3464 mL
50 mM	0.0269 mL	0.1346 mL	0.2693 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

The Japanese journal of pharmacognosy 39(3), 238-242, 1985-09-20

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