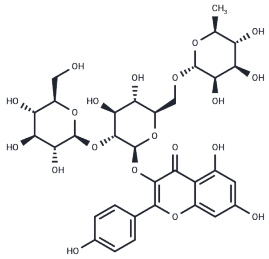
Data Sheet (Cat.No.T40638)

TargetMol

Kaempferol-3-O-(2''-O-β-D-glucopyl)-β-D-rutinoside

Chemical Properties



CAS No. : 55696-58-7

Formula: C33H40O20

Molecular Weight: 756.66

Storage: Keep away from moisture,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	Kaempferol-3-O-(2''-O-β-D-glucopyl)-β-D-rutinoside is a natural glycoside suitable for biochemical experiments and drug synthesis research.
Targets(IC50)	Others

Solubility Information

Solubility	Ethanol: 4.00 mg/mL (5.29 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3216 mL	6.608 mL	13.216 mL
5 mM	0.2643 mL	1.3216 mL	2.6432 mL
10 mM	0.1322 mL	0.6608 mL	1.3216 mL
50 mM	0.0264 mL	0.1322 mL	0.2643 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

Jung-HuiChen, et al. Extraction and purification of flavanone glycosides and kaemferol glycosides from defatted Camellia oleifera seeds by salting-out using hydrophilic isopropanol. Separation and Purification Technology Volume 67, Issue 1, 18 May 2009, Pages 31-37.

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