

Kaempferol-3-O-[2'',6''-di-O-E-p-coumaroyl]-β-D-glucopyranoside

Chemical Properties

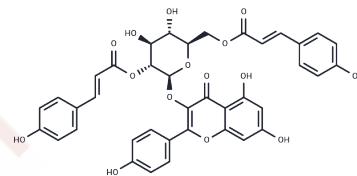
CAS No. : 121651-61-4

Formula: C39H32O15

Molecular Weight: 740.66

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	Kaempferol-3-O-[2'',6''-di-O-E-p-coumaroyl]-β-D-glucopyranoside, an acylated kaempferol glucoside, can be extracted from the leaves of <i>O. dentata</i> and serves as a repellent for the fouling organism, the blue mussel <i>M. edulis</i> [1].
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3501 mL	6.7507 mL	13.5015 mL
5 mM	0.270 mL	1.3501 mL	2.7003 mL
10 mM	0.135 mL	0.6751 mL	1.3501 mL
50 mM	0.027 mL	0.135 mL	0.270 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.

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