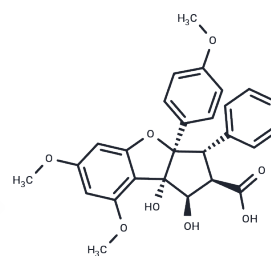


Rocagloic acid

Chemical Properties

CAS No. :	190385-15-0
Formula:	C ₂₇ H ₂₆ O ₈
Molecular Weight:	478.49
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	Rocagloic acid, a rocaglamide derivative sourced from <i>Aglaia elliptifolia</i> fruit, exhibits significant cytotoxicity [1].
Targets(IC50)	Others
In vitro	Rocaglamide exhibits selective cytotoxicity toward the NCI-H187 cell line, evidenced by an ED50 value of 0.036 ng/mL, while demonstrating inactivity against both human epidermoid carcinoma (KB) and human breast cancer (BC) cells [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0899 mL	10.4495 mL	20.8991 mL
5 mM	0.418 mL	2.0899 mL	4.1798 mL
10 mM	0.209 mL	1.045 mL	2.0899 mL
50 mM	0.0418 mL	0.209 mL	0.418 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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