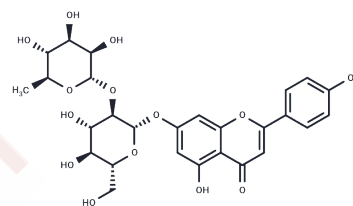


Rhoifolin

Chemical Properties

CAS No. :	17306-46-6
Formula:	C ₂₇ H ₃₀ O ₁₄
Molecular Weight:	578.52
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Rhoifolin (Apigenin 7-O-neohesperidoside) is extracted from <i>Turpinia arguya</i> Seem dried leaves.
Targets(IC50)	NF-κB, Autophagy, IGF-1R, p38 MAPK, transporter

Solubility Information

Solubility	DMSO: 55 mg/mL (95.07 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	1.7285 mL	8.6427 mL	17.2855 mL
5 mM	0.3457 mL	1.7285 mL	3.4571 mL
10 mM	0.1729 mL	0.8643 mL	1.7285 mL
50 mM	0.0346 mL	0.1729 mL	0.3457 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.

Reference

- Rao YK, et al. Evid Based Complement Alternat Med. 2011;2011:624375.
 Zhang H, Liang B, Sang X, et al. Discovery of Potential Inhibitors of SARS-CoV-2 Main Protease by a Transfer Learning Method. Viruses. 2023, 15(4): 891.

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