

2'-O-Methylphloretin

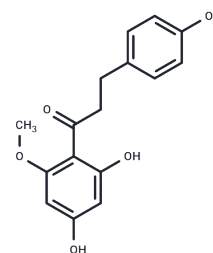
Chemical Properties

CAS No. : 111316-17-7

Formula: C₁₆H₁₆O₅

Molecular Weight: 288.30

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	2'-O-Methylphloretin is a flavonoid derivative isolated from the leaves of <i>Melodorum siamensis</i> , a plant belonging to the Annonaceae family. 2'-O-Methylphloretin significantly inhibits the proliferation of various tumor cell lines, exhibits antitumor activity, and can be used in studies of antitumor mechanisms.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4686 mL	17.343 mL	34.6861 mL
5 mM	0.6937 mL	3.4686 mL	6.9372 mL
10 mM	0.3469 mL	1.7343 mL	3.4686 mL
50 mM	0.0694 mL	0.3469 mL	0.6937 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

Uma Prawat, et al. Two New C-benzylated Dihydrochalcone Derivatives from the Leaves of *Melodorum siamensis*. *Natural Product Chemistry*. 2013, 79, 1.

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