

Mortatarin F

Chemical Properties

CAS No. :

Formula: C₂₅H₃₀O₇

Molecular Weight: 442.5

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	Mortatarin F (Compound 1), a renyleted flavonoid derived from mulberry leaves, functions as an α -glucosidase inhibitor with an IC ₅₀ value of 8.7 μ M, making it pertinent for hypoglycemic research [1].
Targets(IC ₅₀)	Glucosidase, glycosidase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2599 mL	11.2994 mL	22.5989 mL
5 mM	0.452 mL	2.2599 mL	4.5198 mL
10 mM	0.226 mL	1.1299 mL	2.2599 mL
50 mM	0.0452 mL	0.226 mL	0.452 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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