

3-O-Dihydro-p-coumaroylthohogenol

Chemical Properties

CAS No. :

Formula: C₃₉H₆₀O₅

Molecular Weight: 608.89

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	3-O-Dihydro-p-coumaroylthohogenol functions as a PTP1B inhibitor (IC ₅₀ = 6.27 μM), exhibiting anti-diabetic and anti-obesity activities.
Targets(IC ₅₀)	Phosphatase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6423 mL	8.2117 mL	16.4233 mL
5 mM	0.3285 mL	1.6423 mL	3.2847 mL
10 mM	0.1642 mL	0.8212 mL	1.6423 mL
50 mM	0.0328 mL	0.1642 mL	0.3285 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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