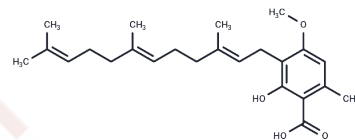


4-O-Methylgrifolic acid

Chemical Properties

CAS No. :	118040-60-1
Formula:	C ₂₄ H ₃₄ O ₄
Molecular Weight:	386.52
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	4-O-Methylgrifolic acid is a natural inhibitor of carbonic anhydrase II (CA II), exhibiting inhibitory activities against CA II with IC ₅₀ values ranging from 6.37 to 71.73 μmol/L.
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5872 mL	12.9359 mL	25.8719 mL
5 mM	0.5174 mL	2.5872 mL	5.1744 mL
10 mM	0.2587 mL	1.2936 mL	2.5872 mL
50 mM	0.0517 mL	0.2587 mL	0.5174 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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