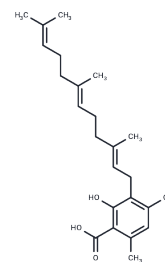


Grifolic acid

Chemical Properties

CAS No. :	80557-12-6
Formula:	C ₂₃ H ₃₂ O ₄
Molecular Weight:	372.5
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	Grifolic acid is a natural carbonic anhydrase II inhibitor(CA II), it shows in-hibitory activities against CA II with IC ₅₀ of 6.37 umol/L. Grifolic acid has antibacterial activity, it can inhibit the growth of Staphylococcus aureus and Staphylococcus epidermidis.
Targets(IC ₅₀)	Antifection,GPCR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6846 mL	13.4228 mL	26.8456 mL
5 mM	0.5369 mL	2.6846 mL	5.3691 mL
10 mM	0.2685 mL	1.3423 mL	2.6846 mL
50 mM	0.0537 mL	0.2685 mL	0.5369 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

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481