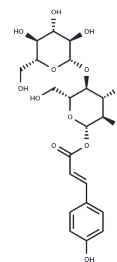


Lycibarbarphenylpropanoid B

Chemical Properties

CAS No. :	1988786-72-6
Formula:	C ₂₁ H ₂₈ O ₁₃
Molecular Weight:	488.44
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	Lycibarbarphenylpropanoid B, a phenylpropanoid derived from wolfberry, demonstrates potent antioxidant properties. It has a notable oxygen radical absorbance capacity, reflected by an ORAC value of 3.18 $\mu\text{mol Trolox}/\mu\text{mol}$ (Trolox is a standard reference antioxidant, indicating that each μM of Lycibarbarphenylpropanoid B has antioxidant activity equivalent to 3.18 μM Trolox).
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0473 mL	10.2367 mL	20.4733 mL
5 mM	0.4095 mL	2.0473 mL	4.0947 mL
10 mM	0.2047 mL	1.0237 mL	2.0473 mL
50 mM	0.0409 mL	0.2047 mL	0.4095 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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