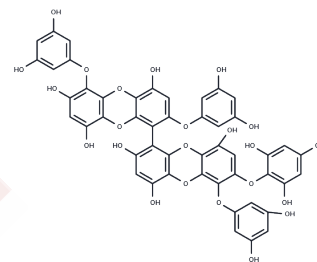


2,7"-Phloroglucinol-6,6'-bieckol

Chemical Properties

CAS No. :	1621988-60-0
Formula:	C48H30O23
Molecular Weight:	974.74
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	2,7"-Phloroglucinol-6,6'-bieckol serves as an effective oral dual α -amylase/ α -glucosidase inhibitor, demonstrating IC 50 concentrations of 6.94 μ M and 23.35 μ M, respectively. This compound is beneficial in mitigating postprandial hyperglycemia among diabetic mice and is applicable in diabetes research [1].
Targets(IC50)	Glucosidase,Amylase,glycosidase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0259 mL	5.1296 mL	10.2591 mL
5 mM	0.2052 mL	1.0259 mL	2.0518 mL
10 mM	0.1026 mL	0.513 mL	1.0259 mL
50 mM	0.0205 mL	0.1026 mL	0.2052 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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