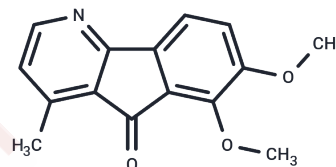


α -Glucosidase-IN-5

Chemical Properties

CAS No. :	111316-33-7
Formula:	C ₁₅ H ₁₃ NO ₃
Molecular Weight:	255.27
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	α -Glucosidase-IN-5 (compound 8), isolated from a twig extract of Polyalthia cinnamomea, is a potent α -glucosidase inhibitor with an IC ₅₀ of 57.9 μ M, offering potential for diabetes mellitus research[1].
Targets(IC ₅₀)	Others,Glutaminase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9174 mL	19.5871 mL	39.1742 mL
5 mM	0.7835 mL	3.9174 mL	7.8348 mL
10 mM	0.3917 mL	1.9587 mL	3.9174 mL
50 mM	0.0783 mL	0.3917 mL	0.7835 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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