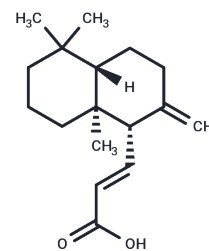


α -Glucosidase-IN-37

Chemical Properties

CAS No. :	917078-12-7
Formula:	C17H26O2
Molecular Weight:	262.39
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-37 (Compound 11) moderately inhibits lipopolysaccharide (LPS)-induced nitric oxide (NO) production in macrophages, with an IC ₅₀ value of 23.7 μ M, and also shows weak inhibitory activity against α -Glucosidase [1].
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8111 mL	19.0556 mL	38.1112 mL
5 mM	0.7622 mL	3.8111 mL	7.6222 mL
10 mM	0.3811 mL	1.9056 mL	3.8111 mL
50 mM	0.0762 mL	0.3811 mL	0.7622 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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