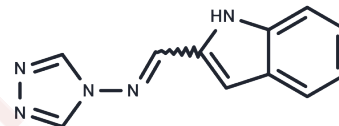


α -Amylase/ α -Glucosidase-IN-1

Chemical Properties

CAS No. : 329783-03-1
 Formula: C₁₁H₉N₅
 Molecular Weight: 211.22
 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 -Amylase/ α -Glucosidase-IN-1 (compound 33) is an effective inhibitor of α -amylase and α -glucosidase, with IC ₅₀ values of 2.01 and 2.09 μ M, respectively. Kinetic studies predict that α -Amylase/ α -Glucosidase-IN-1 has potential anti-hyperglycemia properties [1].
Targets(IC50)	Others,Glucosidase,glycosidase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.7344 mL	23.672 mL	47.344 mL
5 mM	0.9469 mL	4.7344 mL	9.4688 mL
10 mM	0.4734 mL	2.3672 mL	4.7344 mL
50 mM	0.0947 mL	0.4734 mL	0.9469 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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