

α -Glucosidase-IN-80

Chemical Properties

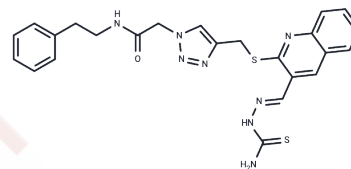
CAS No. :

Formula: C₂₄H₂₄N₈O₅S₂

Molecular Weight: 504.63

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-80 (Compound 10n) is a potent competitive inhibitor of α -glucosidase, with an IC ₅₀ of 48.4 μ M. It exhibits favorable pharmacokinetic properties and toxicity profiles, making it suitable for research in diabetes-related conditions.
Targets(IC ₅₀)	glycosidase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9816 mL	9.9082 mL	19.8165 mL
5 mM	0.3963 mL	1.9816 mL	3.9633 mL
10 mM	0.1982 mL	0.9908 mL	1.9816 mL
50 mM	0.0396 mL	0.1982 mL	0.3963 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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