

α -Glucosidase-IN-33

Chemical Properties

CAS No. :

Formula: C₂₆H₁₉F₃N₂O₄

Molecular Weight: 480.44

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-33 (compound 7c), with an IC ₅₀ of 2.39 μ M, is a potent α -glucosidase inhibitor, pertinent to type 2 diabetes and hyperglycemia research [1].
Targets(IC ₅₀)	Glucosidase, glycosidase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0814 mL	10.4071 mL	20.8143 mL
5 mM	0.4163 mL	2.0814 mL	4.1629 mL
10 mM	0.2081 mL	1.0407 mL	2.0814 mL
50 mM	0.0416 mL	0.2081 mL	0.4163 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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