

α -Glucosidase-IN-29

Chemical Properties

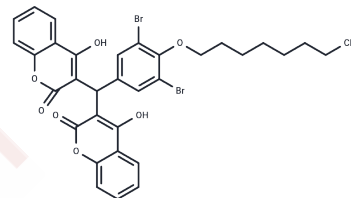
CAS No. : 2949513-11-3

Formula: C₃₃H₃₀Br₂O₇

Molecular Weight: 698.4

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-29 (compound 19) is an inhibitor of α -glucosidases with an IC ₅₀ of 1.21 μ M and a K _i of 1.80 μ M, used in diabetes and related disease research [1].
Targets(IC50)	Glucosidase, glycosidase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4318 mL	7.1592 mL	14.3184 mL
5 mM	0.2864 mL	1.4318 mL	2.8637 mL
10 mM	0.1432 mL	0.7159 mL	1.4318 mL
50 mM	0.0286 mL	0.1432 mL	0.2864 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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