

α -Glucosidase-IN-79

Chemical Properties

CAS No. : 3068686-30-3

Formula:

Molecular Weight:

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-79 (Compound 4d9) is a non-competitive α -glucosidase inhibitor with an IC ₅₀ of 2.11 μ M, demonstrating greater inhibitory potency than the existing α -glucosidase inhibitors Acarbose (IC ₅₀ of 327.0 μ M) and HXH8r (IC ₅₀ of 15.32 μ M). It exhibits no cytotoxicity on normal human liver cells (LO2) and shows good metabolic stability in rat plasma. α -Glucosidase-IN-79 holds promise for research in type 2 diabetes.
Targets(IC50)	glycosidase

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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