

$\alpha$ -Glucosidase-IN-105

## Chemical Properties

CAS No. :

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	$\alpha$ -Glucosidase-IN-105 is a selective and potent inhibitor of $\alpha$ -glucosidase with an IC <sub>50</sub> of 31.36 $\mu$ M. It also inhibits $\alpha$ -amylase (IC <sub>50</sub> : 104.2 $\mu$ M). The inhibitory effects of $\alpha$ -Glucosidase-IN-105 are comparable to those of the standard drug Acarbose. This compound is useful in research related to type 2 diabetes.
Targets(IC <sub>50</sub> )	glycosidase
In vitro	$\alpha$ -Glucosidase-IN-105 (Compound 6c) demonstrates $\alpha$ -amylase inhibitory activity with an IC <sub>50</sub> value of 104.2 $\mu$ M.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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