

$\alpha$ -Glucosidase-IN-73

## Chemical Properties

CAS No. :

Formula: C<sub>24</sub>H<sub>21</sub>N<sub>3</sub>O<sub>2</sub>S

Molecular Weight: 415.51

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-73 (compound 16b), an $\alpha$ -Glucosidase inhibitor, exhibits an IC <sub>50</sub> value of 0.158 $\mu$ M and possesses the ability to activate PPAR $\gamma$ . This compound is applicable in studies focusing on anti-diabetic and anti-inflammatory treatments.
Targets(IC <sub>50</sub> )	Glucosidase, glycosidase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4067 mL	12.0334 mL	24.0668 mL
5 mM	0.4813 mL	2.4067 mL	4.8134 mL
10 mM	0.2407 mL	1.2033 mL	2.4067 mL
50 mM	0.0481 mL	0.2407 mL	0.4813 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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