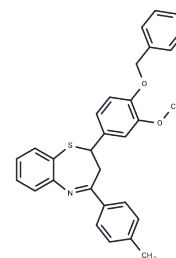


$\alpha$ -Glucosidase-IN-17

## Chemical Properties

CAS No. :	2820424-84-6
Formula:	C30H27NO2S
Molecular Weight:	465.61
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-17 (Compound 12B) is a potent, orally active $\alpha$ -glucosidase inhibitor with antidiabetic activity, demonstrating an inhibitory concentration (IC50) of 3.79 $\mu$ M [1].
Targets(IC50)	Others, Glucosidase, glycosidase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1477 mL	10.7386 mL	21.4772 mL
5 mM	0.4295 mL	2.1477 mL	4.2954 mL
10 mM	0.2148 mL	1.0739 mL	2.1477 mL
50 mM	0.043 mL	0.2148 mL	0.4295 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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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481