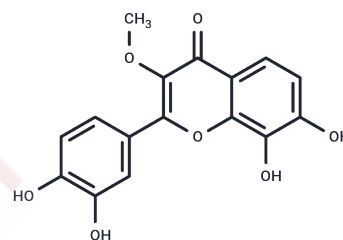


$\alpha$ -Glucosidase-IN-56

## Chemical Properties

CAS No. :	26788-86-3
Formula:	C <sub>16</sub> H <sub>12</sub> O <sub>7</sub>
Molecular Weight:	316.26
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-56 (compound 1) serves as a potent $\alpha$ -glucosidase inhibitor with oral activity and an IC <sub>50</sub> of 45.86 $\mu$ M. It also exhibits significant anti-glycation properties [1].
Targets(IC <sub>50</sub> )	Glucosidase, glycosidase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.162 mL	15.8098 mL	31.6196 mL
5 mM	0.6324 mL	3.162 mL	6.3239 mL
10 mM	0.3162 mL	1.581 mL	3.162 mL
50 mM	0.0632 mL	0.3162 mL	0.6324 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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