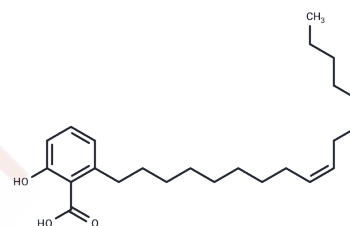


$\alpha$ -Glucosidase-IN-54

## Chemical Properties

CAS No. :	174284-54-9
Formula:	C <sub>24</sub> H <sub>36</sub> O <sub>3</sub>
Molecular Weight:	372.54
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-54 (compound 2) functions as an $\alpha$ -glucosidase inhibitor, exhibiting an IC <sub>50</sub> value of 0.011 mM, and is derived from Syzygium jambos (L.). This compound is employed in diabetes research [1].
Targets(IC <sub>50</sub> )	Glucosidase, glycosidase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6843 mL	13.4214 mL	26.8428 mL
5 mM	0.5369 mL	2.6843 mL	5.3686 mL
10 mM	0.2684 mL	1.3421 mL	2.6843 mL
50 mM	0.0537 mL	0.2684 mL	0.5369 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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