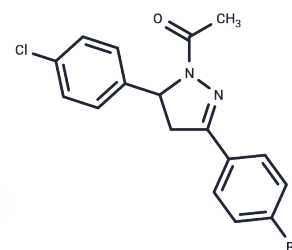


α -Amylase/ α -Glucosidase-IN-19

Chemical Properties

CAS No. :	223505-23-5
Formula:	C ₁₇ H ₁₄ BrClN ₂ O
Molecular Weight:	377.663
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	α -Amylase/ α -Glucosidase-IN-19 (compound 10) is a dual inhibitor of α -amylase and α -glucosidase, with an IC ₅₀ of 170.7 μ M and 60.37 μ M, respectively.
Targets(IC ₅₀)	Amylase, glycosidase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6479 mL	13.2394 mL	26.4788 mL
5 mM	0.5296 mL	2.6479 mL	5.2958 mL
10 mM	0.2648 mL	1.3239 mL	2.6479 mL
50 mM	0.053 mL	0.2648 mL	0.5296 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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