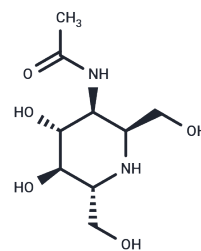


α -HNJNAC

Chemical Properties

CAS No. :	1417906-42-3
Formula:	C ₉ H ₁₈ N ₂ O ₅
Molecular Weight:	234.25
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 -HNJNAC is a potent, competitive hexosaminidases inhibitor that does not interfere with other glycosidases [1].
Targets(IC50)	Others, glycosidase
In vitro	α -HNJNAC (10, 100 μ M) has no effect on GM00737 and GM01426 cell lines, but increases activity by 1.8-fold in the GM02931 cell line. α -HNJNAC (100 μ M; 3 days) exhibits no toxicity on human HL60 cell proliferation [1]. NAGLU is inhibited more efficiently by α -HNJNAC (67 μ M) than by β -HNJNAC (374 μ M) [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.2689 mL	21.3447 mL	42.6894 mL
5 mM	0.8538 mL	4.2689 mL	8.5379 mL
10 mM	0.4269 mL	2.1345 mL	4.2689 mL
50 mM	0.0854 mL	0.4269 mL	0.8538 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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