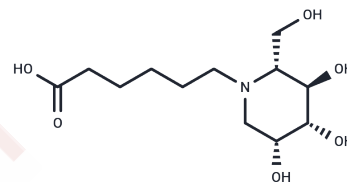


## N-5-Carboxypentyl-deoxymannojirimycin

## Chemical Properties

CAS No. :	104154-10-1
Formula:	C <sub>12</sub> H <sub>23</sub> N <sub>1</sub> O <sub>6</sub>
Molecular Weight:	277.31
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	N-5-Carboxypentyl-deoxymannojirimycin is a biochemical reagent used in glycoscience research. Glycoscience examines the structure, synthesis, biology, and evolution of sugars. This field covers carbohydrate chemistry, glycan formation and degradation enzymology, protein-glycan interactions, and the role of glycans in biological systems, and it is closely linked to fundamental research, biomedicine, and biotechnology.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6061 mL	18.0304 mL	36.0607 mL
5 mM	0.7212 mL	3.6061 mL	7.2121 mL
10 mM	0.3606 mL	1.803 mL	3.6061 mL
50 mM	0.0721 mL	0.3606 mL	0.7212 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.

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