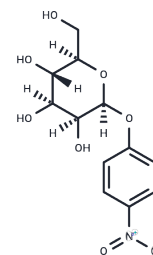


## 4-Nitrophenyl $\beta$ -D-mannopyranoside

### Chemical Properties

CAS No. :	35599-02-1
Formula:	C <sub>12</sub> H <sub>15</sub> N <sub>1</sub> O <sub>8</sub>
Molecular Weight:	301.25
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	4-Nitrophenyl $\beta$ -D-mannopyranoside serves as a valuable substrate for $\beta$ -D-mannopyranosidase. Additionally, it acts as a substrate for GH1-glucosidase (EaBgl1A) and $\alpha$ -L-rhamnosidase.
Targets(IC50)	glycosidase

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3195 mL	16.5975 mL	33.195 mL
5 mM	0.6639 mL	3.3195 mL	6.639 mL
10 mM	0.332 mL	1.6598 mL	3.3195 mL
50 mM	0.0664 mL	0.332 mL	0.6639 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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