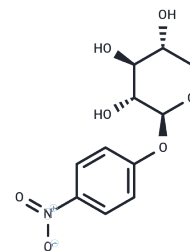


4-Nitrophenyl β -D-xylopyranoside

Chemical Properties

CAS No. :	2001-96-9
Formula:	C ₁₁ H ₁₃ NO ₇
Molecular Weight:	271.22
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	4-Nitrophenyl β -D-xylopyranoside serves as a chromogenic substrate for β -xylosidase, facilitating the assessment of enzyme activity.
Targets(IC50)	Others
In vitro	β -D-xylan xylohydrolase demonstrates glycosyltransferase activity, specifically with xylo-oligosaccharides, and when in high concentrations, it also acts upon 4-Nitrophenyl β -D-xylopyranoside [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.687 mL	18.4352 mL	36.8704 mL
5 mM	0.7374 mL	3.687 mL	7.3741 mL
10 mM	0.3687 mL	1.8435 mL	3.687 mL
50 mM	0.0737 mL	0.3687 mL	0.7374 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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