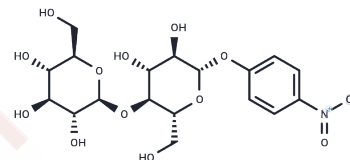


4-Nitrophenyl β -D-Cellobioside

Chemical Properties

CAS No. :	3482-57-3
Formula:	C ₁₈ H ₂₅ N ₁ O ₁₃
Molecular Weight:	463.39
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 β -D-cellobioside is a disaccharide and an enzyme substrate. It has been used to characterize the function of endoglucanase 1 from <i>T. harzianum</i> , β -glucosidase from <i>T. xylanolyticum</i> , and glycoside hydrolase family 3 (GH3) aryl β -glucosidases from <i>A. oryzae</i> .
Targets(IC50)	Others

Solubility Information

Solubility	PBS (pH 7.2): 1 mg/mL (2.16 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.158 mL	10.790 mL	21.5801 mL
5 mM	0.4316 mL	2.158 mL	4.316 mL
10 mM	0.2158 mL	1.079 mL	2.158 mL
50 mM	0.0432 mL	0.2158 mL	0.4316 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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