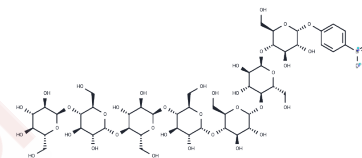


4-Nitrophenyl- α -D-maltoheptaoside

Chemical Properties

CAS No. :	74173-31-2
Formula:	C ₄₈ H ₇₅ N ₃ O ₃₈
Molecular Weight:	1274.09
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- α -D-maltoheptaoside is a biochemical reagent utilized in glycobiology research. Glycobiology examines the structure, synthesis, biology, and evolution of sugars, focusing on carbohydrate chemistry, glycan formation and degradation enzymology, protein-glycan recognition, and the function of glycans in biological systems. This field is closely tied to fundamental research, biomedicine, and biotechnology.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7849 mL	3.9244 mL	7.8487 mL
5 mM	0.157 mL	0.7849 mL	1.5697 mL
10 mM	0.0785 mL	0.3924 mL	0.7849 mL
50 mM	0.0157 mL	0.0785 mL	0.157 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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