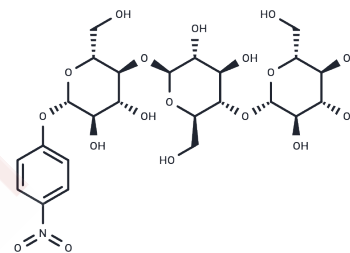


4-Nitrophenyl  $\beta$ -D-Celotrioside

## Chemical Properties

CAS No. :	106927-48-4
Formula:	C <sub>24</sub> H <sub>35</sub> N <sub>1</sub> O <sub>18</sub>
Molecular Weight:	625.533
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-celotrioside is a chromogenic substrate for endoglucanases and cellobiohydrolases. Hydrolysis of this substrate by these enzymes liberates 4-nitrophenol, which generates a yellow color that is measured by monitoring absorbance at 405 nm.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5986 mL	7.9932 mL	15.9864 mL
5 mM	0.3197 mL	1.5986 mL	3.1973 mL
10 mM	0.1599 mL	0.7993 mL	1.5986 mL
50 mM	0.032 mL	0.1599 mL	0.3197 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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