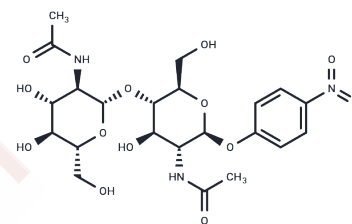


## 4-Nitrophenyl N,N'-diacetyl-β-D-chitobioside

### Chemical Properties

CAS No. : 7284-16-4  
 Formula: C<sub>22</sub>H<sub>31</sub>N<sub>3</sub>O<sub>13</sub>  
 Molecular Weight: 545.49  
 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 N,N'-diacetyl-β-D-chitobioside (pNP-chitobiose) is a fluorescent substrate utilized for detecting chitinase enzyme activity.
Targets(IC50)	Others

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8332 mL	9.1661 mL	18.3321 mL
5 mM	0.3666 mL	1.8332 mL	3.6664 mL
10 mM	0.1833 mL	0.9166 mL	1.8332 mL
50 mM	0.0367 mL	0.1833 mL	0.3666 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**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481