



Product Information

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

Cat. No.: XGB889

Size: 5 mg; 10 mg

CAS Number: 7284-16-4

PubChem Substance ID: 24897770

REAXYS Number: 1445509

NACRES: NA.32

This product is for research use only and is not intended for diagnostic use.

Product Information

Molecular Weight	545.49
Empirical Formula	C ₂₂ H ₃₁ N ₃ O ₁₃
SMILES string	<chem>CC(=O)N[C@@H]1[C@@H](O)[C@H](O)[C@@H](CO)O[C@H]1O[C@H]2[C@H](O)[C@@H](NC(=O)[C@@H](O[C@@H]2CO)Oc3ccc(cc3)[N+](=[O-])=O</chem>
Form	powder
Purity	≥99% (TLC)
Solubility	DMF: 24.50-25.50 mg/mL
Quality Level	200
Applications	4-Nitrophenyl N,N'-diacetyl- β -D-chitobioside has been used to measure the exochitinase activity of DOI and exochitinase activity of ChiEn3 from Coprinopsis cinerea.
Storage	2-8°C

Safety Information

Personal Protective Equipment	Eyeshields, Gloves, type N95 (US)
WGK Germany	WGK 3