



Product Information

4-Nitrophenyl α -D-glucopyranoside

Cat. No.: XGB897

Size: 1 g; 5 g; 25 g

MDL: MFCD00064088

CAS Number: 3767-28-0

PubChem Substance ID: 24897484

REAXYS Number: 92212

NACRES: NA.32

Synonym: p-Nitrophenyl α -D-glucopyranoside

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

Product Information

Molecular Weight	301.25
Empirical Formula	C ₁₂ H ₁₅ NO ₈
InChI	1S/C ₁₂ H ₁₅ NO ₈ /c14-5-8-9(15)10(16)11(17)12(21-8)20-7-3-1-6(2-4-7)13(18)19/h1-4,8-12,14-17H,5H 2/t8-,9-,10+,11-,12+/m1/s1
SMILES string	<chem>OC[C@H]1O[C@H](Oc2ccc(cc2)[N+](=O)[O-])[C@H](O)[C@@H](O)[C@@H]1O</chem>
Form	powder or crystals
Purity	≥99%
Solubility	methanol: 20 mg/mL, clear to very slightly hazy, colorless to greenish-yellow
Quality Level	300
Storage	-20°C

Safety Information

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