



Product Information

4-Nitrophenyl β -D-glucuronide

Cat. No.: XGB906

Size: 25 mg; 50 mg; 100 mg; 250 mg; 1 g; 2 g

MDL: MFCD00036210

CAS Number: 10344-94-2

PubChem Substance ID: 24897507

REAXYS Number: 1438576

NACRES: NA.52

Synonym: 4-Nitrophenyl- β -D-glucopyranosiduronic acid,PNPG

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

Product Information

Molecular Weight	315.23
Empirical Formula	C ₁₂ H ₁₃ NO ₉
InChI	1S/C12H13NO9/c14-7-8(15)10(11(17)18)22-12(9(7)16)21-6-3-1-5(2-4-6)13(19)20/h1-4,7-10,12,14-16H,(H,17,18)/t7-,8-,9+,10-,12+/m0/s1
SMILES string	<chem>O[C@@H]1[C@@H](O)[C@@H](O[C@@H]([C@H]1O)C(O)=O)Oc2ccc(cc2)[N+](=O)[O-]</chem>
Form	powder
Purity	≥98% (TLC)
Solubility	H ₂ O: soluble 100 mg/mL, clear
Quality Level	200
Applications	4-Nitrophenyl β -D-glucuronide has been used as substrate in acetate buffer to measure β -glucuronidase.
Storage	-20°C

Safety Information

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