



www.parchem.com



GIVE US A CALL  
800-282-3982  
914-654-6800

GET A QUICK QUOTE

## Typical Product Specifications & Properties

# 4-Nitrophenyl α-D-Mannopyranoside [Substrate for α-Mannosidase]

CAS Number: : 10357-27-4

Specifications	Limits
Molecular weight	301.25
EINECS	233-776-6
SMILES	<chem>c1cc([N+ ]([O-])=O)ccc1O[C@@H]1[C@@H](O)[C@@H](O)[C@H](O)[C@H](CO)O1</chem>
InChI	IFBHRQDFSNCLOZ-1KQSSVLVSA-N
InChIKey	1S/C12H15NO8/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,5H2/t8-,9-,10+,11+,12-/m1/s1
Henry's Law Constant	4.54E-18 atm-m <sup>3</sup> /mole
Vapor Pressure	3.68E-13 mm Hg
Atmospheric OH Rate Constant	6.47E-11 cm <sup>3</sup> /molecule-sec
Water solubility	7010 mg/L
log P (octanol-water)	-0.18
Solubility	DMF: 50 mg/mL, clear, very faintly yellow
Storage Temperature	2-8&deg;C



GET A QUICK QUOTE

415 Huguenot Street, New Rochelle, New York 10801

Disclaimer: this is a web generated product specification and property document. All information on this document is subject to reconfirmation at time of quote and order.



www.parchem.com



GIVE US A CALL  
800-282-3982  
914-654-6800

GET A QUICK QUOTE

Specifications	Limits
Water solubility	Soluble in water at 10mg/ml
Melting Point	179-181 &deg;C



GET A QUICK QUOTE

415 Huguenot Street, New Rochelle, New York 10801

Disclaimer: this is a web generated product specification and property document. All information on this document is subject to reconfirmation at time of quote and order.