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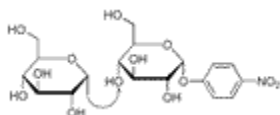
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number 21370

Product **p-Nitrophenyl-α-D-maltoside**

4-Nitrophenyl-α-D-maltopyranoside

CAS Number 17400-77-0

Molecular Formula C₁₈H₂₅NO₁₃

Molecular Weight 463.39

Appearance White to off-white crystalline powder

Solubility Colorless solution (1% in Water)

Turbidity ≤ 4.0 NTU (1.0% in Water)

Water Content (Karl Fisher) ≤ 8.0%

Optical Rotation [α]_D²⁰ = +244.5 to +250.5° (C=0.5 in H₂O) on dry basis

Infrared Spectrum Conforms to structure

Related Substances p-Nitrophenol ≤ 0.1%

Purity by HPLC ≥ 98%

Storage Store at 0-8 °C

For Laboratory Use Only