

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:

4-Nitrophenyl α -D-maltopentaoside - $\geq 98\%$

Product Number:

N1519

CAS Number:

66068-38-0

MDL:

MFCD00065706

Formula:

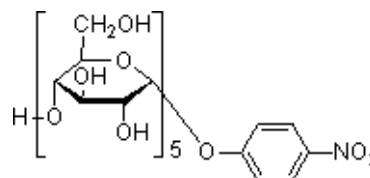
C₃₆H₅₅NO₂₈

Formula Weight:

949.81 g/mol

Storage Temperature:

-20 °C



TEST

Specification

Appearance (Color)

White to Off-White

Appearance (Form)

Powder

Solubility (Color)

Colorless to Light Yellow

Solubility (Turbidity)

Clear

50 mg/mL, H₂O

Water (by Karl Fischer)

 $\leq 10 \%$

Solvent Content (by GC)

 $\leq 4 \%$

Specific Rotation (dry basis)

215 - 225 °

C = 1 in H₂O at 25 deg C

Suitability

Suitable

For use as a chromogenic substrate for alpha-amylase

Purity (HPLC)

 $\geq 98 \%$

Specification: PRD.0.ZQ5.10000035003

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