n-Dodecyl-β-D-maltoside (high purity)

Non-ionic detergent free of α-isomer (HPLC)

Non-ionic detergent similar to n-octyl-β-D-glucopyranoside (Prod. No. ALX-500-001). However, increased alkyl chain length has been shown to increase thermal stability of lipid-free rhodopsin in solution. Applicable to membrane-protein solubilization studies.

Citations: 8 View Online »

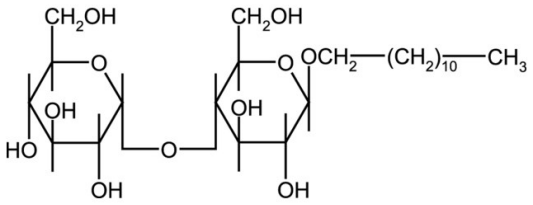
Ordering Information

Order Online »

ALX-500-007-G001	1g
ALX-500-007-G005	5g
ALX-500-007-G025	25g

Manuals, SDS & CofA

View Online »


CH2OH
CH2OH
O
O
OCH2—(CH2)10—CH3
OH
OH
HO
O
OH
OH

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Handling	Protect from light and moisture. Hygroscopic.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	n-Dodecyl-β-D-maltopyranoside
Appearance	White crystal powder.
CAS	69227-93-6
Formula	$C_{24}H_{46}O_{11}$
MW	510.6
Purity	≥99% (HPLC)(free of α-isomer)
Solubility	100mg/ml soluble in water and 100% ethanol.

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