

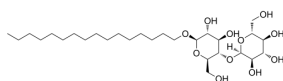
Hexadecyl β-D-maltoside

Cat. No.:	HY-W020795
CAS No.:	98064-96-1
Batch No.:	33243
Chemical Name:	β-D-Glucopyranoside, hexadecyl 4-O-α-D-glucopyranosyl-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₂₈ H ₅₄ O ₁₁		
Molecular Weight:	566.72		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

Chemical Structure:



ANALYTICAL DATA

Appearance:	White to off-white (Solid)
Purity:	≥97.0%
Absorbance(0.1% detergent solution,225 nm):	0.3
Absorbance(0.1% detergent solution,260 nm):	0.15
Absorbance(0.1% detergent solution,280 nm):	0.1
Absorbance(0.1% detergent solution,340 nm):	0.05
Alpha(HPLC):	3.4 %
CMC(H ₂ O)(0.00003%):	0.0006 mmol/L
Conductance(0.1% solution):	80 μS
Fluorescence(0.1% detergent solution at 345 nm):	4.7 %
Hexadecanol(HPLC):	0.0067 %
pH(0.1% solution):	5
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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