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Product Specifications

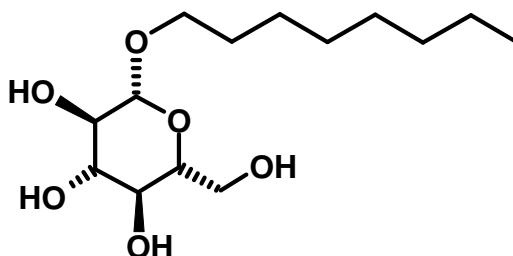
Octyl-beta-D-glucopyranoside

CAS 29836-26-8

Syn: β -D-Octyl Glucoside; β -Octyl Monoglucoside; 1-n-Octyl β -D-glucopyranoside

Grade non-GMP and GMP

Structure:



Mol. Formula
Source

C₁₄H₂₈O₆
Synthetic

Mol. Wt.

292.37

<i>Test</i>	<i>Specification</i>
Identity	IR, MS, NMR
Appearance	White microcryst. solid
Solubility (100 mg/mL, H ₂ O)	Clear, colorless to pale-yellow solution
pH (1% in water)	5-8
Assay (hplc)	> 98 %
a-Isomer	< 0.5%
n-Octanol	< 0.05%
Sp. Rot., [α]²⁰_D	- 30° to -35° (c = 5, H ₂ O) - 25° to -30° (c = 1, CH ₃ OH)
TLC	Single spot
LOD	< 0.5 %
Ash (residue on ignition)	< 0.5%
Heavy metals	< 10 ppm

Storage: Maintain in cool, dry containment.