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Product Specifications

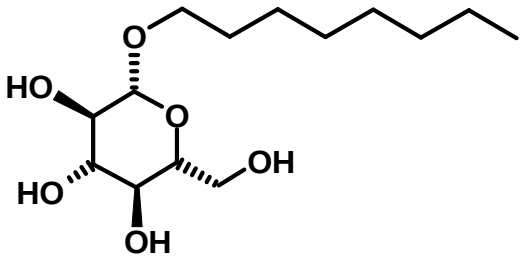
Octyl-beta-D-glucopyranoside

CAS **29836-26-8**

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

Grade **non-GMP**

Structure:



Mol. Formula $C_{14}H_{28}O_6$ **Mol. Wt.** 292.37

Source *Synthetic*

Test	*Specification*
Identity	IR, MS, NMR
Appearance	White microcryst. solid
Solubility (100 mg/mL, H_2O)	Clear, colorless to pale-yellow solution
pH (1% in water)	5-8
Purity (hplc)	> 98 %
a-Isomer	< 0.5%
n-Octanol	< 0.05%
Sp. Rot., $[\alpha]^{20}_D$	- 30° to -35° (*c* = 5, H_2O)
	- 25° to -30° (*c* = 1, CH_3OH)
TLC	Single spot
LOD	< 0.5 %
Ash (residue on ignition)	< 0.5%
Heavy metals	< 10 ppm

Storage: Maintain in cool, dry containment.