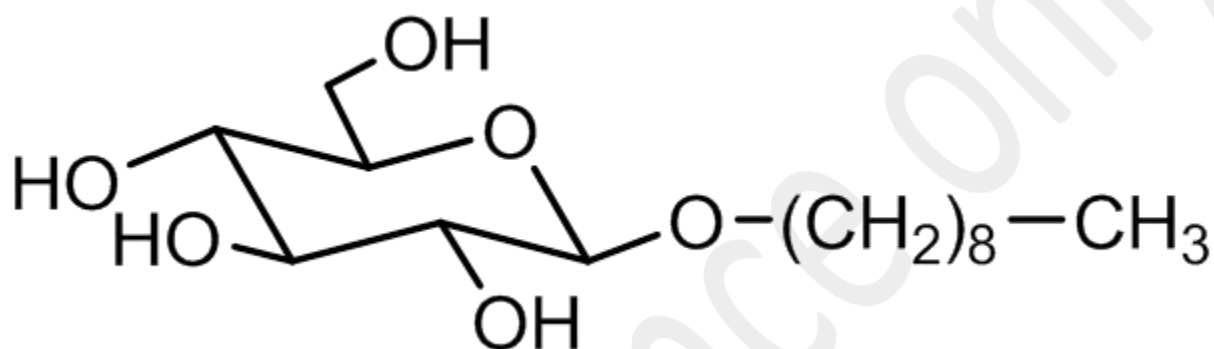


n-NonylBeta-D-glucopyranoside(NG)>99%
highly purified [69984-73-2]

#Cat: NB-39-00006-1g	Size: 1g
#Cat: NB-39-00006-5g	Size: 5g
#Cat: NB-39-00006-10g	Size: 10g
#Cat: NB-39-00006-25g	Size: 25g
#Cat: NB-39-00006-50g	Size: 50g



Product Information

Chemical Name:	n-Nonyl β-D-glucopyranoside
Synonyms:	nonyl glucoside; NG; NGP
Batch Molecular Formula:	C ₁₅ H ₃₀ O ₆
Batch Molecular Weight:	306.40
CAS No.:	[69984-73-2]
Physical Appearance:	White solid crystal powder
CMC:	(H ₂ O) 18-20 mM
[α]_D:	-33° (c 5; H ₂ O)
Melting Point:	72°C (smectic A)117°C (isotropic)
Absorbance:	(1%, H ₂ O, 260 nm): < 0,03
Storage:	Store at -20°C

- CAUTION - Not fully tested. For Research use only. Not for human use. -

Solvent and solubility

> 1 g in 9 mL H₂O or EtOH clear

Biological activity

Nonyl β -D-glucopyranoside is a nonionic surfactant among a small number of surfactants found to be useful for the solubilization and crystallization of a large number of biological membrane proteins.

Application

Nonyl β -D-glucopyranoside has been used in a study to assess the structure and molecular fluctuations of n-alkyl- β -d- glucopyranoside micelles. It has also been used in a study to investigate enantiomer separation of drugs by micellar electrokinetic chromatography.

Analytical data

HPLC: >99% pure

Contaminations: n-Nonanol <0,001%,
 α -Isomer <0,01%
(HPLC)

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