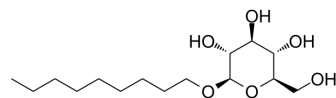


Nonyl β -D-glucopyranoside

Cat. No.:	HY-W015993		
CAS No.:	69984-73-2		
Molecular Formula:	C ₁₅ H ₃₀ O ₆		
Molecular Weight:	306.4		
Target:	Biochemical Assay Reagents		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 100 mg/mL (326.37 mM)
 * " \geq " means soluble, but saturation unknown.

	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.2637 mL	16.3185 mL	32.6371 mL
	5 mM	0.6527 mL	3.2637 mL	6.5274 mL
	10 mM	0.3264 mL	1.6319 mL	3.2637 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
 Solubility: ≥ 2.5 mg/mL (8.16 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE- β -CD in saline)
 Solubility: ≥ 2.5 mg/mL (8.16 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
 Solubility: ≥ 2.5 mg/mL (8.16 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Nonyl β -D-glucopyranoside is a potent surfactant^[1].

REFERENCES

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

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