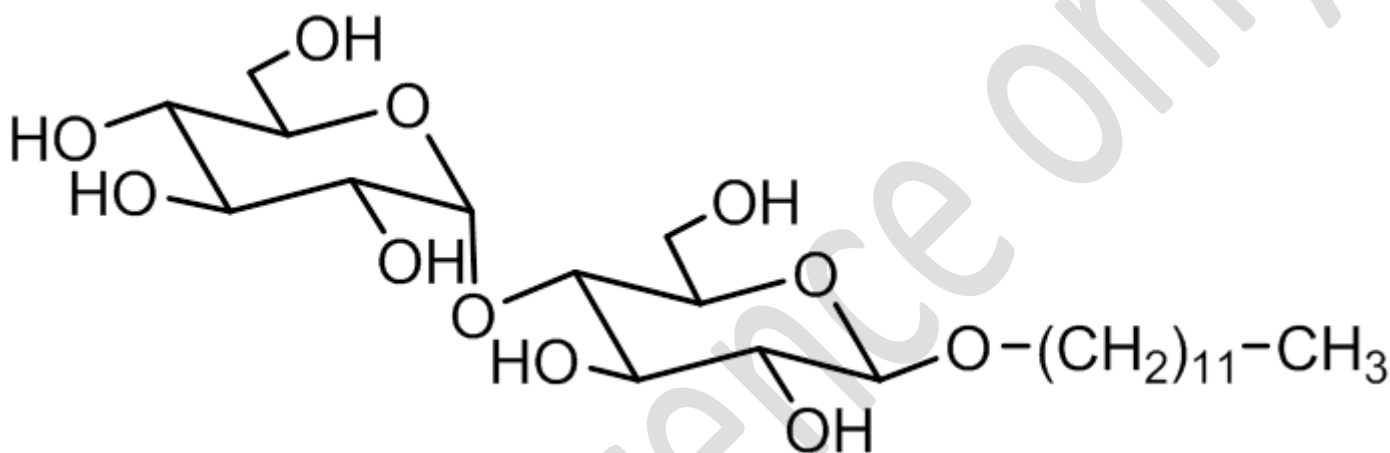


n-Dodecyl β -maltoside (DDM-C) for crystallography

Cat # NB-39-00015-C-1g	Size: 1g
Cat # NB-39-00015-C-5g	Size: 5g
Cat # NB-39-00015-C-10g	Size: 10g
Cat # NB-39-00015-C-25g	Size: 25g
Cat # NB-39-00015-C-50g	Size: 50g



Product Information

Chemical Name:	<i>n</i> -Dodecyl β -maltoside (DDM-C)
Batch Molecular Formula:	C ₂₄ H ₄₆ O ₁₁
Batch Molecular Weight:	510,63
CAS No.:	[69227-93-6]
Physical Appearance:	White solid crystal powder
CMC:	(H ₂ O) 0,17 mM
Melting point:	103°C (smectic A), 246°C (isotropic)
Optical Rotation:	[α] _D +48° (c 1; H ₂ O)

Solvent and solubility

>1 g/ 9 mL H₂O

Biological activity

for crystallography

n-Dodecyl β -D-maltoside is a surfactant.

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

Non-ionic detergent for the stabilization and activation of enzymes and for membrane research.

n-Dodecyl β -D-maltoside has been used in a study to assess the mapping of unfolding states of integral helical membrane proteins by GPS-NMR and scattering techniques.

Analytical data

HPLC:	>99,5% pure
Contaminants:	n-Dodecanol <0,001% (HPLC) α -Isomer < 0,001%

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