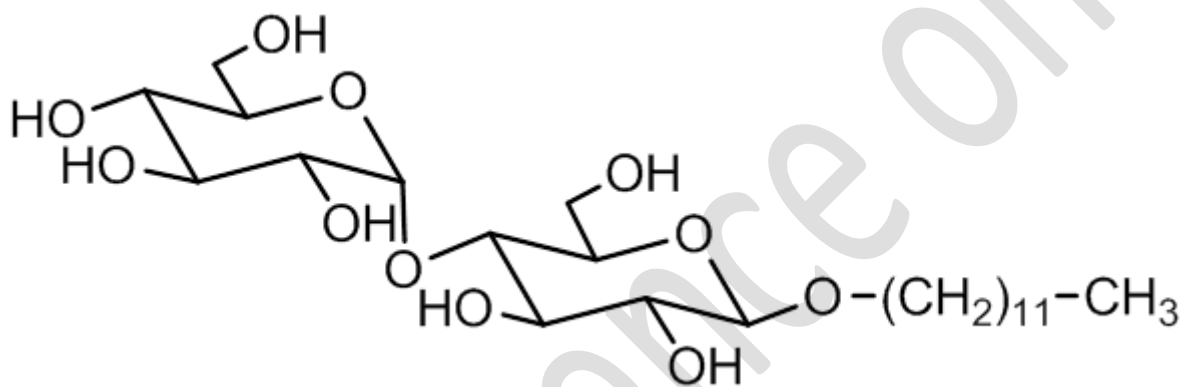


## *n*-Dodecyl $\beta$ -maltoside (DDM)

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



### Product Information

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<b>Chemical Name:</b>	n-Dodecyl $\beta$ -maltoside (DDM)
<b>Batch Molecular Formula:</b>	C <sub>24</sub> H <sub>46</sub> O <sub>11</sub>
<b>Batch Molecular Weight:</b>	510,63
<b>CAS No.:</b>	[69227-93-6]
<b>Physical Appearance:</b>	White solid crystal powder
<b>CMC:</b>	(H <sub>2</sub> O) 0,033 mM
<b>Optical Rotation:</b>	+45,5° (c 1; H <sub>2</sub> O)

### Solvent and solubility

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1 g/9 mL H<sub>2</sub>O at 30°C

### Biological activity

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n-Dodecyl  $\beta$ -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  $\beta$ -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

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HPLC:	>99% pure
Contaminants:	n-Decanol <0,001% (HPLC) $\alpha$ -Isomer < 0,001%

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