

FT-552051

## n-UNDECYL- β -D-MALTOPYRANOSIDE

### Product Description

**Catalog #:** 552051, 1 g      552052, 5 g  
**Name:** **N-UNDECYL- β -D-MALTOPYRANOSIDE**  
 n-Undecyl-β-D-maltoside  
**MW :** 496,6  
**Structure :** C<sub>23</sub>H<sub>44</sub>O<sub>11</sub>  
**Storage:** cool dry place

### Specifications

CMC (H <sub>2</sub> O)	~ 0.59 mM (0.029%)
Aggregation Number (H <sub>2</sub> O)	~ 71
dn/dc (H <sub>2</sub> O)	0.1506 ml/g
Purity	≥ 99% by HPLC analysis.
Percent alpha	< 2 (HPLC)
Percent undecanol	< 0.005 (HPLC)
pH (1% solution)	5-8
Solubility in water at 0-5°C	≥ 20%
Conductance (10% solution)	< 40 μS
Percent fluorescence due to a 0.1% detergent solution at 345 nm	< 10
Absorbance of a 1% detergent solution:	
	340 nm < 0.02
	280 nm < 0.04
	260 nm < 0.06
	225 nm < 0.1

### References

- **Ko Y. et al.**, Mitochondrial ATP Synthasome, *J. Biol. Chem.*; 278: 12305 - 12309 (2003) [Article](#)
- **Zhang H. et al.**, A defined protein-detergent-lipid complex for crystallization of integral membrane proteins: The cytochrome b6f complex of oxygenic photosynthesis, *PNAS*, 100: 5160 - 5163 (2003) [Article](#)
- **Zhang H. et al.**, Ferredoxin:NADP+ Oxidoreductase Is a Subunit of the Chloroplast Cytochrome b6f Complex, *J. Biol. Chem.*, 276: 38159 - 38165 (2001) [Article](#)

### Related / associated products and documents

See [BioSciences Innovations catalogue](#) and [e-search tool](#).  
[#39375](#) IminoBiotin ([UP39375](#)) and NHS-IminoBiotin ([UP35329](#))  
[page A352+](#) [other saturating agents for immunoassays \(i.e. SeaBlock \)](#)

### Ordering information

Catalog size quantities and prices may be found at <http://www.interchim.com>.

Please inquire for higher quantities (availability, shipment conditions).

For any information, please ask : Uptima / Interchim; Hotline : +33(0)4 70 03 73 06

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