

Specification

***n*-Decyl- $\beta$ -D-Maltoside for crystallography**

**A6769**

<b>Product Code:</b>	A6769
<b>Product Name:</b>	<i>n</i> -Decyl- $\beta$ -D-Maltoside for crystallography
<b>Specifications:</b>	Assay (HPLC): min. 99.5 % $\alpha$ 20°C/D; 4 %, H <sub>2</sub> O: +53° $\pm$ 0.5° Solubility (10 %; H <sub>2</sub> O; 21°C): clear, colorless Thermal transition: 89.2°C (smectic A) Thermal transition: 208°C (isotropic) $\alpha$ -Isomere (HPLC): max. 0.01 % $n$ -Decanol (HPLC): max. 0.001 % A (1 cm/1 % in water HPLC grade) 260 nm: max. 0.04
<b>WGK:</b>	1
<b>Storage:</b>	2-8°C
<b>Molecular Formula:</b>	C <sub>22</sub> H <sub>42</sub> O <sub>11</sub>
<b>M:</b>	482.57 g/mol
<b>CAS:</b>	82494-09-5
<b>CS:</b>	29329900

**AppliChem GmbH**

Ottoweg 4 • D-64291 Darmstadt • Phone +49 6151 9357 0 • Fax +49 6151 9357 11 • [info.de@itwreagents.com](mailto:info.de@itwreagents.com) • [www.itwreagents.com](http://www.itwreagents.com)  
 CEO Joan Roget • Commerzbank Darmstadt • Bank 508 800 50 • Account 0186989900 IBAN DE24 5088 0050 0186 9899 00 • Swiftcode  
 DRESDEFF508 • Finanzamt Darmstadt 07 228 16476 • Register court Darmstadt HRB Nr. 7340