

Decyl maltose neopentyl glycol Biochemical

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CATALOG #
AAA227551

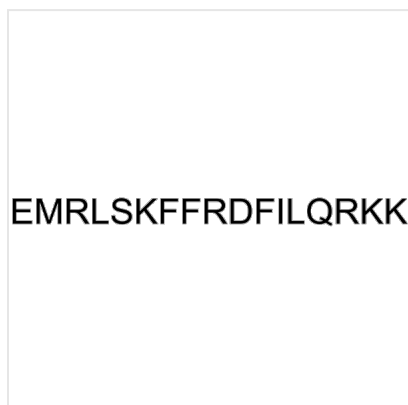
PRODUCT SYNONYMS

Decyl maltose neopentyl glycol; Decyl maltose neopentyl glycol biochemical

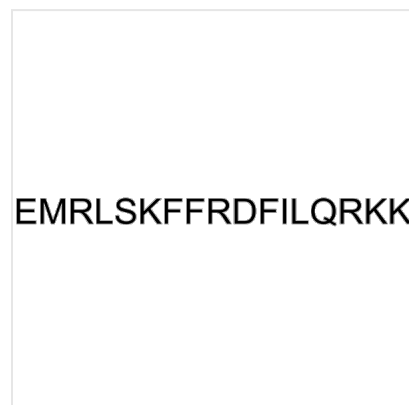
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	1257852-99-5
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	Decyl maltose neopentyl glycol (DMNG) preserves the P. putida AlkB (PpAlkB-SII) hydroxylase activity after purification[1].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
CSP1, CAS 172889-49-5



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ADDITIONAL INFORMATION

Related Product Information for Decyl maltose neopentyl glycol biochemical	Decyl maltose neopentyl glycol (DMNG) is the neopentyl glycol detergent that does not disrupt the AlkB oligomeric state. AlkB is a nonheme di-iron alkane hydroxylase.
References	- Yang Y, et, al. Structural Characterization of Competence-Stimulating Peptide Analogues Reveals Key Features for ComD1 and ComD2 Receptor Binding in Streptococcus pneumonia. Biochemistry. 2018 Sep 11;57(36):5359-5369. - Johnsborg O, et, al. A hydrophobic patch in the competence-stimulating Peptide, a pneumococcal competence pheromone, is essential for specificity and biological activity. J Bacteriol. 2006 Mar; 188(5): 1744-9.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

