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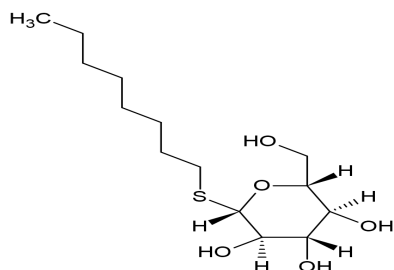
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n-Octyl-beta-D-thioglucopyranoside, BioPureact™ Grade

ALTERNATE NAME: (2*R*,3*S*,4*S*,5*R*,6*S*)-2-(hydroxymethyl)-6-octylsulfanyloxane-3,4,5-triol; OTG

CATALOG #: AUR10696

STRUCTURE:



MOLECULAR FORMULA: C₁₄H₂₈O₅S

MOLECULAR WEIGHT: 308.43

CAS#: 85618-21-9

APPEARANCE: White solid

SOLUBILITY: EtOH (50 mg/ml) or Water (25 mg/ml)

PURITY: ≥98% by TLC

STORAGE: Store at RT. Protect from air and moisture

DESCRIPTION: Octyl β-D-1-thioglucopyranoside is a non-ionic detergent useful for solubilization and reconstitution of membrane proteins. It has been used in a study to assess the crystallization and preliminary x-ray analysis of human plasma apolipoprotein C-I. It has also been used in a study that investigated the identification of *Chlamydia pneumoniae* proteins.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure