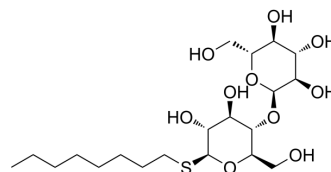


Octyl thiomaltoside

Cat. No.:	HY-W250181
CAS No.:	148616-91-5
Molecular Formula:	C ₂₀ H ₃₈ O ₁₀ S
Molecular Weight:	470.57
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	<p>Octyl thiomaltoside (OTM) is a nonionic detergent commonly used in the purification and crystallization of membrane proteins. It belongs to the family of maltoside detergents and has a hydrophilic head group and a lipophilic tail group, enabling it to interact with water-soluble and membrane-bound proteins. OTMs are known for their ability to solubilize integral membrane proteins without disrupting their structure or function, making them an invaluable tool in biochemical and biophysical research. In addition to protein research, OTMs are used in a variety of other applications, including drug delivery systems, nanotechnology, and diagnostic analysis.</p>
In Vitro	<p>Octyl thiomaltoside is a biochemical reagent that can be used as a biological material or organic compound for life science related research.</p> <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p>

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA