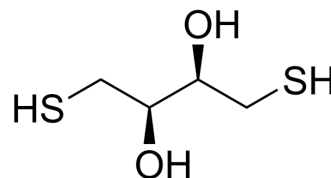


L-Dithiothreitol

Cat. No.:	HY-15917A
CAS No.:	16096-97-2
Molecular Formula:	C ₄ H ₁₀ O ₂ S ₂
Molecular Weight:	154.25
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	L-Dithiothreitol (DTT) is a reducing agent commonly used in various biochemical applications to break disulfide bonds in proteins, thereby denaturing proteins or preventing the formation of unwanted aggregates. DTT has a unique chemical property that cleaves the sulfur-sulfur bond in the disulfide bond to form a sulfhydryl group. This makes it a useful tool for protein purification, enzyme assays, and protein structure studies.
In Vitro	L-Dithiothreitol is a biochemical reagent that can be used as a biological material or organic compound for life science related research. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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