

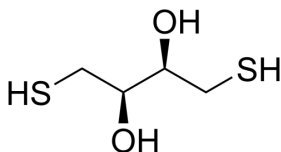
L-Dithiothreitol

Cat. No.: HY-15917A
CAS No.: 16096-97-2
Batch No.: 406686
Chemical Name: 2,3-Butanediol, 1,4-dimercapto-, (2R,3R)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₄H₁₀O₂S₂
Molecular Weight: 154.25
Storage: Powder -20°C 3 years
In solvent -80°C 6 months
-20°C 1 month

Chemical Structure:



ANALYTICAL DATA

Appearance: White to off-white (Solid)
¹H NMR Spectrum: Consistent with structure
MS: Consistent with structure
Purity (NMR): ≥98.0%
Conclusion: The product has been tested and complies with the given specifications.

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

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