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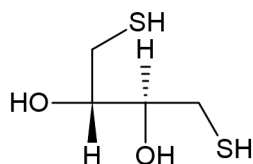
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DTT

ALTERNATE NAME: Dithiothreitol; DL-1,4-Dithiothreitol

CATALOG #: AUR10332

STRUCTURE:



MOLECULAR FORMULA: C₄H₁₀O₂S₂

MOLECULAR WEIGHT: 154.25

CAS#: 3483-12-3

APPEARANCE: White solid

SOLUBILITY: Water (50 mg/ml)

PURITY: ≥99% by titration

STORAGE: Store at +2-8°C. Protect from air and moisture

DESCRIPTION: DTT is a water-soluble protective reagent for sulfhydryl groups. It is capable of maintaining monothiols completely in the reduced state and of reducing disulfides quantitatively. Since it readily permeates cell membranes, it can protect protein sulfhydryls and restore enzyme activity lost by oxidation.

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