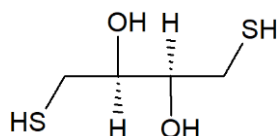


DTT

ALTERNATE NAME: threo-1,4-Dimercapto-2,3-butanediol
1,4-Dithio-DL-threitol
Cleland's reagent

CATALOG #: B2409-1G 1 g
B2409-5G 5 g
B2409-25 25 g

STRUCTURE:



MOLECULAR FORMULA: C₄H₁₀O₂S₂

MOLECULAR WEIGHT: 154.25

CAS NUMBER: 3483-12-3

APPEARANCE: White solid

PURITY: ≥99% (titration)

STORAGE: Store at -20°C.

SOLUBILITY: ~50 mg/ml Water

DESCRIPTION: A useful reagent for maintaining SH groups in reduced state; quantitatively reduces disulfides. DTT is effective in sample buffers for reducing protein disulfide bonds prior to SDS-PAGE.

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

RELATED PRODUCTS:

DTE (B2410)
DTT (solution) (1201)
TCEP hydrochloride (1202)
TCEP hydrochloride (1 M solution) (B2408)

DISCLAIMER: ***FOR RESEARCH USE ONLY! Not to be used on humans.***