

Product Name: Dithiothreitol, >97%
Catalog Number: J15395.06

CAS Number: 3483-12-3
IUPAC Name: (2R,3R)-1,4-disulfanylbuthane-2,3-diol
Molecular Formula: C₄H₁₀O₂S₂
Molecular Weight: 154.24
InChI Key: VHJLVAABSRFDPM-IMJSIDKUSA-N
SMILES: O[C@@H](CS)[C@@H](O)CS
Synonym: L-dithiothreitol cleland reagent sputolysin meso-2,3-butanediol L-dtt clelands reagent reagent, cleland 2.3-butylene glycol (R,R)-2,3-butylene glycol reagent, cleland's

Product Specification

Form: White crystalline powder
Identification (FTIR): Conforms
Melting Point: ≥38°C
Assay (unspecified): ≥ 97%
Impurity content: Oxidized DTT: ≤ 1%

Date Of Print: 05/06/2025

Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.