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Dithiothreitol

(Cleland's Reagent; Threo-1,4-dimercapto-2,3-butanediol; DTT), $\text{HSCH}_2\text{CH}(\text{OH})\text{CH}(\text{OH})\text{CH}_2\text{SH}$ 154.25 CAS RN[®]: 3483-12-3.—
Slightly hygroscopic needles from ether. Freely soluble in water, in alcohol, in acetone, in ethyl acetate, and in ether.
MELTING RANGE (741): between 42° and 44°.

Auxiliary Information - Please [check for your question in the FAQs](#) before contacting USP.

Topic/Question	Contact	Expert Committee
DITHIOTHREITOL	Margareth R.C. Marques Principal Scientific Liaison	HDQ Headquarters

Most Recently Appeared In:

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