



genespin

DATA SHEET

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> DTT

<i>cat. no.</i>	<i>amount</i>	<i>note</i>
STS-DTT 5	5g	powder
STS-DTT 10	10g	powder
STS-DTT 25	25g	powder
STS-DTT 100	100g	powder

Protective reagent for maintaining -SH groups in a reduced state. DTT permeates the cell membrane protecting protein sulfhydryls thereby restoring enzyme activity lost by oxidation of the groups.

Chemical Name

Dithiothreitol

Formula

$C_4H_{10}O_2S_2$

Molecular Weight

154,25

Purity >99%

Heavy metals 0.001%. Iron 0.0005%. Moisture <0.1%. Oxidized DTT <0.1%.

Solubility

Soluble in water. Hygroscopic

Storage

Store dry at 0-5°C.

FOR RESEARCH USE ONLY