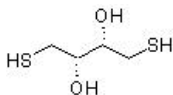


Product datasheet

Dithiothreitol (DTT), reducing reagent ab141390

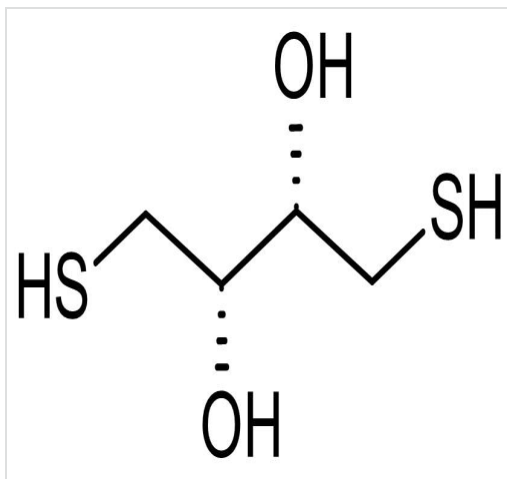
[1 Image](#)

Overview

Product name	Dithiothreitol (DTT), reducing reagent
Description	Cell-permeable reducing reagent
Purity	> 99%
General notes	This product is manufactured by BioVision, an Abcam company and was previously called 1201 DTT. 1201-1 is the same size as the 1 ML size of ab141390.
CAS Number	3483-12-3
Chemical structure	

Properties

Chemical name	(2S,3S)-1,4-Bis(sulfanyl)butane-2,3-diol
Molecular weight	154.25
Molecular formula	C ₄ H ₁₀ O ₂ S ₂
PubChem identifier	446094
Storage instructions	Store at -20°C. The product can be stored for up to 12 months.
Solubility overview	Supplied in water (1 M)
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Refer to SDS for further information.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	C(C(C(CS)O)O)S
Source	Synthetic



2D chemical structure image of ab141390, Dithiothreitol (DTT), reducing reagent

Chemical Structure - Dithiothreitol (DTT), reducing reagent (ab141390)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

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- Abcam biochemicals are novel compounds and we have not tested their biological activity in house. Please use the literature to identify how to use these products effectively. If you require further assistance please contact the scientific support team