



Product Information

1,4-Dithioerythritol, BioUltra, ≥99.0% (RT)

Cat. No.: XGB0189

Size: 5 g;25 g

MDL: MFCD00063750

CAS Number: 6892-68-8

PubChem Substance ID: 57650194

NACRES: NA.25

Synonym: erythro-1,4-Dimercapto-2,3-butanediol,erythro-2,3-Dihydroxy-1,4-butanedithiol,Cleland's reagent,DTE

This product is for research use only and is not intended for diagnostic use.

Product Information

Molecular Weight	154.25
Linear Formula	HSCH ₂ CH(OH)CH(OH)CH ₂ SH
InChI	1S/C4H10O2S2/c5-3(1-7)4(6)2-8/h3-8H,1-2H2/t3-,4+
SMILES string	O[C@@H](CS)[C@H](O)CS
Purity	BioUltra, ≥99.0% (RT)
Quality Level	200
Applications	Reagent for maintaining –SH groups in the reduced state; quantitatively reduces disulfides.
Storage	2-8°C

Safety Information

Personal Protective Equipment	dust mask type N95 (US), Eyeshields, Gloves
WGK Germany	WGK 3
Hazard Statements	H302 - H412