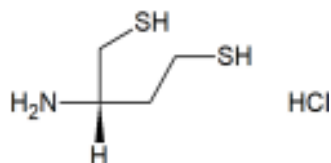


DTBA

ALTERNATE NAME: (2S)-2-Amino-1,4-dimercaptobutane hydrochloride
Dithiobutylamine

CATALOG #: B3242-1000 1 g
B3242-500 500 mg

STRUCTURE:



MOLECULAR FORMULA: C₄H₁₁NS₂·HCl

MOLECULAR WEIGHT: 173.73

CAS NUMBER: 1363376-98-0

APPEARANCE: White to off-white solid

PURITY: ≥98%

SOLUBILITY: Water

DESCRIPTION: DTBA is a novel biological reducing reagent with enhanced properties over other commonly used reagents. DTBA has been shown to reduce small molecule disulfides 3-5-fold faster than DTT (Cat. No. B2409) and was able to reduce the cysteine dependent protease papain 14x faster than DTT.

STORAGE TEMPERATURE: -20°C. Protect from moisture

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

DTT (Solution) (1201)
DTT (B2409)
TCEP hydrochloride (1M solution) (B2408)
TCEP Hydrochloride (1202)
DTE (B2410)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*