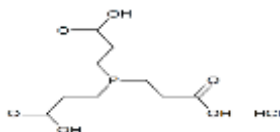


TCEP hydrochloride (1 M solution)

ALTERNATE NAME: TCEP
Tris(2-carboxyethyl)phosphine hydrochloride
TCEP HCl

CATALOG #: B2408-1 1 ml

STRUCTURE:



MOLECULAR FORMULA: C₉H₁₅O₆P · HCl

MOLECULAR WEIGHT: 286.65

CAS NUMBER: 51805-45-9

APPEARANCE: Liquid

FORMULATION: 1 M solution in water

PURITY: ≥98%

STORAGE: Store at -20°C

DESCRIPTION: A 1 M solution of TCEP hydrochloride (Cat. No. 1202) in water. TCEP hydrochloride is an odorless, thiol-free reagent useful for the selective reduction of disulfides. Compared to DTT, TCEP is more stable, more effective and able to reduce disulfide bonds at lower pHs.

REFERENCES: Getz, E.B., et al. (1999). Anal. Biochem. 273, 73-80.

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

RELATED PRODUCTS:

TECP HCl (solution) (1202)
DTT (Solution) (1201)

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