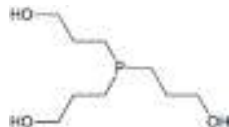


THPP

ALTERNATE NAME: Tris(hydroxypropyl)phosphine

CATALOG #: B3244-1G 1 g

STRUCTURE:



MOLECULAR FORMULA: C₉H₂₁O₃P

MOLECULAR WEIGHT: 208.24

CAS NUMBER: 4706-17-6

APPEARANCE: Viscous liquid

PURITY: ≥80%

SOLUBILITY: ~20 mg/ml Water

DESCRIPTION: THPP is a versatile, water-soluble and air-stable reducing agent, useful for the rapid, irreversible reductive cleavage of disulfide bonds in both aqueous and buffered aqueous-organic media. THPP displays exceptional stability at biological pH under which condition it permits the rapid reduction of a wide range of differentially functionalized small-molecule disulfides.

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 (1202)
DTE (B2410)
TCEP hydrochloride (1M solution) (B2408)

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