

TCEP-biotin Biochemical

TCEP-biotin

CATALOG #
AAA227155

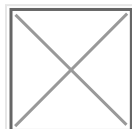
PRODUCT SYNONYMS

TCEP-biotin; Anthelmycin; TCEP-biotin biochemical

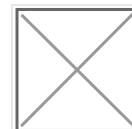
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	Ethanol: 25 mg/mL
	DMF: 25 mg/mL
	PBS (pH 7.2): 0.15 mg/mL
	DMSO: 25 mg/mL <1mg/ml refers to the product slightly soluble or insoluble
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Hikizimycin, CAS 12706-94-4



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ADDITIONAL INFORMATION

Related Product Information for TCEP-biotin biochemical	TCEP-biotin is biotinylated form of the reducing agent TCEP and an affinity probe for protein lysine crotonylation. Covalent addition of the TCEP moiety to crotonylated lysine residues results in adduct formation that allows for detection or immobilization of crotonylated proteins through interaction with the biotin ligand. It has been used in the detection and isolation of crotonylated histones in HEK293 cells.
References	1. Fujino H, et al. Total Syntheses of Hikosamine and Hikizimycin. J Org Chem. 2021 Dec 3;86(23):16220-16230.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.