

ISODTB

SKU: CCT-1565



Description

IsoDTB (Isotopically labeled Desthiobiotin Azide) probes take advantage of the mass shift of stable heavy isotope labels (SHLs) to enable mass-independent chemical proteomics platform that helps to address unique challenges of the proteome characterization. In this approach a unique isotopic signature is embedded exclusively into the peptides and it serves as a computationally recognizable full-scan MS reporter. By using desthiobiotin, these probes circumvented the need to use cleavable linkers for peptide elution and thus simplifies the chemoproteomic protocol, while allowing quantification of the proteome. IsoTDB pack contains 2 mg of light (IsoDTB-L) and heavy (IsoDTB) probe.

Specifications

Unit Size	2 vial, 2 mg each
Molecular weight	481.28
Molecular weight	487.23
Solubility	DMSO, DMF, MeOH
Appearance	Oil to grey amorphous solid
Storage Conditions	-20C
Shelf life	3 years at -20C
Shipping	Ambient temperature

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