



ISODTB

SKU: CCT-1565



DESCRIPTION

IsoDTB (Isotopically labeled Desthoibiotin 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

Molecular Weight	487.23
Appearance	Oil to grey amorphous solid
Unit Size	2 vials
Solubility	DMSO, DMF, MeOH
Storage Instructions	-20C
Purchase Note	Add some note
Shelf Life	3 years at -20C

For research use only. Not intended for therapeutic or diagnostic use in animals or humans.



Shipping Instructions

Ambient temperature

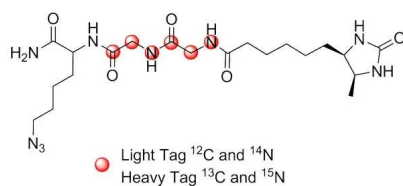
SELECTED REFERENCES

1. Zanon, P.R.A. *et al.* (2020). Isotopically Labeled Desthiobiotin Azide (isoDTB) Tags Enable Global Profiling of the Bacterial Cysteine .*Angew. Chem. Int. Ed.*, **59**: 2829-36. [[PubMed](#)]

DOCUMENTS

- [Safety Data Sheet](#)
- [Download CoA](#)
- [Datasheet](#)

GALLERY IMAGES



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