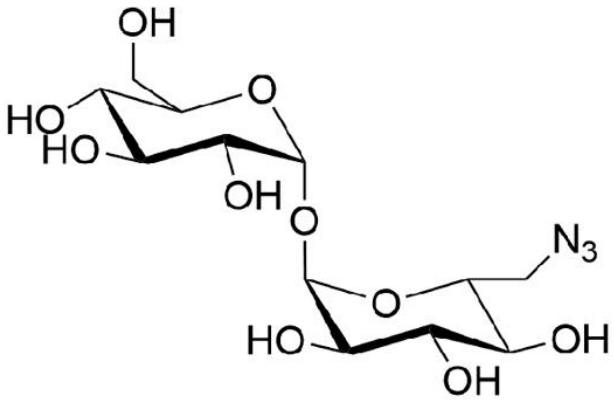
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6-AZIDE-TREHALOSE (6-TREAZ)

SKU: CCT-1472



DESCRIPTION

Metabolic labeling with unnatural sugar substrates is a powerful alternative for investigating glycoconjugates in living organisms. Trehalose glycolipids can be metabolically labeled with 6-azide-modified trehalose (TreAz) analogues in live mycobacteria, enabling bioorthogonal ligation with alkyne-functionalized fluorescent probes. This strategy can be used for imaging glycolipid distribution, trafficking, and dynamics as well as metabolite profiling and discovery.

SPECIFICATIONS

CAS Number	N/A
Molecular Weight	367.31
Appearance	White to grey amorphous solid
Chemical Formula	C12H21N3O10
Purity	>90%
Unit Size	5 mg, 25 mg, 100 mg
Solubility	Water, DMSO, DMF

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

Storage Instructions	-20°C.
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

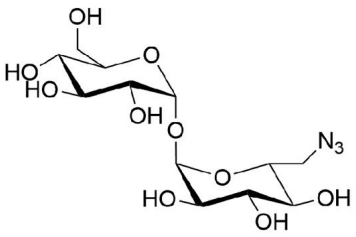
SELECTED REFERENCES

1. Swarts, B.M., *et al.* (2012). Probing the Mycobacterial Trehalome with Bioorthogonal Chemistry.*J. Am. Chem. Soc.,* **134**: 13123-6. [PubMed]

DOCUMENTS

- Safety Data Sheet
- Datasheet

GALLERY IMAGES



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