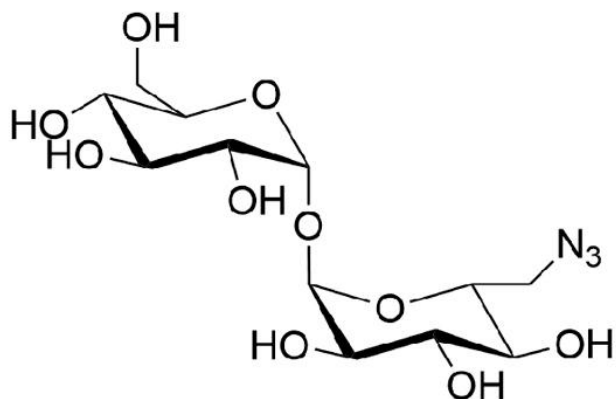


6-AZIDE-TREHALOSE (6-TREAZ)

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

Unit Size	5 mg, 25 mg, 100 mg
Molecular weight	367.31
Chemical composition	C ₁₂ H ₂₁ N ₃ O ₁₀
CAS	N/A
Solubility	Water, DMSO, DMF
Purity	>90%
Appearance	White to grey amorphous solid
Storage Conditions	-20°C.
Shipping Conditions	Ambient temperature

For research use only. Not intended for animal or human therapeutic or diagnostic use.

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6-Azide-Trehalose (6-TreAz)

<https://vectorlabs.com/products/6-azide-trehalose-6-treaz>