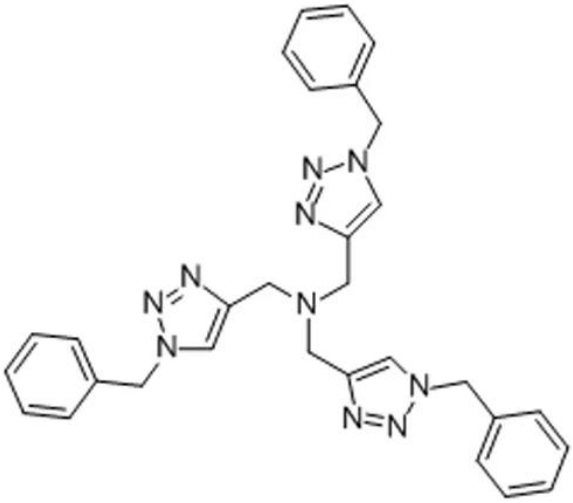
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TBTA

SKU: CCT-1061



DESCRIPTION

TBTA was introduced shortly after the copper-catalyzed azide-alkyne cycloaddition reaction was discovered to mitigate thermodynamic instability of Cu(I) in aerobic media. TBTA is a water-insoluble ligand and must be first dissolved in DMSO or DMF.

SPECIFICATIONS

CAS Number	510758-28-8
Molecular Weight	530.62
Appearance	Off-white to grey solid
Chemical Formula	C30H30N10
Purity	>95% (HPLC)
Unit Size	100 mg, 500 mg, 1 g

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

Solubility	DMSO, DMF, DCM, THF, Chloroform
Storage Instructions	4°C.
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

SELECTED REFERENCES

1. David, L. L., *et al.* (2021). Chemical Proteomics Approach for Profiling the NAD Interactome. *J Am Chem Soc.*, **143 (18)**, 6787-6791. [PubMed]
2. Gray, R. A. V., *et al.* (2021). Optimized Incorporation of Alkynyl Fatty Acid Analogs for the Detection of Fatty Acylated Proteins using Click Chemistry. *JoVE Journal,* **10 (3791)**, 62107. [JoVE Journal]
3. Pratt Matthew R., *et al.* (2020). Acetylated Chemical Reporters of Glycosylation Can Display Metabolism-Dependent Background Labeling of Proteins but Are Generally Reliable Tools for the Identification of Glycoproteins. *Frontiers in Chemistry,* **8**, 318. [Frontiers in Chemistry]
4. White, F. K. H., *et al.* (2019). S-Palmitoylation of junctophilin-2 is critical for its role in tethering the sarcoplasmic reticulum to the plasma membrane. *J Biol Chem.,* **294 (36)**, 13487-13501. [PubMed]

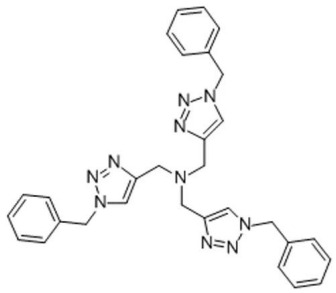
DOCUMENTS

- Safety Data Sheet
- Download CoA
- Datasheet

GALLERY IMAGES

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