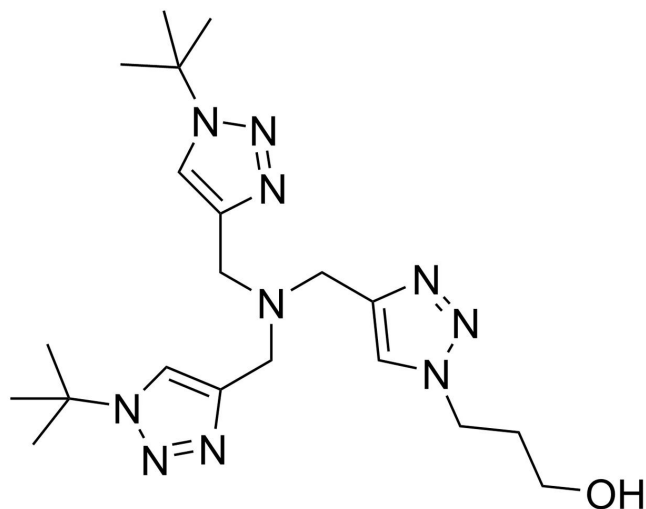




BTTP

SKU: CCT-1414



DESCRIPTION

BTTP is a newest generation, accelerating ligand for CuAAC that provides much greater rate enhancement compared to previous generation ligands (e.g. THPTA or TBTA). More importantly, it minimizes perturbations to the physiological state of the cells or organisms probed and allows for effective bioconjugation with suppressed cell cytotoxicity by further lowering copper loading in the catalyst formulation.

SPECIFICATIONS

CAS Number	1334179-85-9
Molecular Weight	430.56
Appearance	Off-white to grey solid
Chemical Formula	C ₂₀ H ₃₄ N ₁₀ O
Purity	>95% (HPLC)

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



Unit Size	100 mg, 500 mg, 1000 mg
Solubility	DMSO, DMF, MeOH
Storage Instructions	4°C.
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

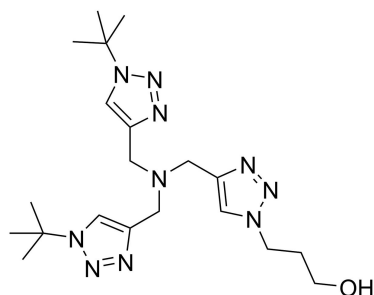
SELECTED REFERENCES

1. Maiyun, Y., *et al.* (2014). Biocompatible click chemistry enabled compartment-specific pH measurement inside *E. coli*. *Nature Communications*. **5**: 4981. [[PubMed](#)]
2. Wang, W., *et al.* (2011). Sulfated ligands for the copper(I)-catalyzed azide-alkyne cycloaddition. *Chem Asian J.*, **6(10)**, 2796-802. [[PubMed](#)]

DOCUMENTS

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

GALLERY IMAGES



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