

BTAA

## Chemical Properties

CAS No. : 1334179-85-9  
 Formula: C<sub>19</sub>H<sub>30</sub>N<sub>10</sub>O<sub>2</sub>  
 Molecular Weight: 430.507  
 Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year  
 Actual storage temperature shall be subject to the COA.

## Biological Description

Description	BTAA, a Cu(I)-stabilizing ligand, performs potently with ubiquitin Glu18AzF.
Targets(IC50)	Others

## Solubility Information

Solubility	H <sub>2</sub> O: 5.00 mg/mL (11.61 mM),Sonication is recommended. DMSO: 150.00 mg/mL (348.43 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3228 mL	11.6141 mL	23.2283 mL
5 mM	0.4646 mL	2.3228 mL	4.6457 mL
10 mM	0.2323 mL	1.1614 mL	2.3228 mL
50 mM	0.0465 mL	0.2323 mL	0.4646 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Loh CT et al. Lanthanide tags for site-specific ligation to an unnatural amino acid and generation of pseudocontact shifts in proteins. *Bioconjug Chem.* 2013 Feb 20;24(2):260-8.

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