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产品名称: **BTAA**
产品别名: **BTAA**

生物活性:							
Description		BTAA is a Cu(I)-stabilizing ligand, which performs potently with ubiquitin Glu18AzF.					
In Vitro		BTAA is a Cu(I)-stabilizing ligand. Using the Glu18AzF mutant of ubiquitin as a model system with C3-Tm ³⁺ and C4-Tm ³⁺ , Cu-BTAA performs significantly better as a catalyst than Cu-THPTA or Cu-TBTA. BTAA proves to perform much better than THPTA (tris[(1-hydroxy-propyl-1H-1,2,3-triazol-4-yl)methyl]amine) or TBTA (tris[(1-benzyl-1H-1,2,3-triazol-4-yl)methyl]amine)[1].					
Solvent&Solubility		<i>In Vitro:</i> H₂O : 5 mg/mL (11.61 mM; Need ultrasonic)					
		<div><div>Solvent</div><div>Mass</div><div>Concentration</div></div>		1 mg	5 mg	10 mg	
		Preparing		1 mM	2.3228 mL	11.6141 mL	23.2283 mL
		Stock Solutions		5 mM	0.4646 mL	2.3228 mL	4.6457 mL
				10 mM	0.2323 mL	1.1614 mL	2.3228 mL
<p>*请根据产品在不同溶剂中的溶解度选择合适的溶剂配制储备液；一旦配成溶液，请分装保存，避免反复冻融造成的产品失效。</p> <p>储备液的保存方式和期限 -80°C, 6 months; -20°C, 1 month。 -80°C 储存时，请在 6 个月内使用，-20°C 储存时，请在 1 个月内使用。</p>							
References		[1]. Loh CT et al. Lanthanide tags for site-specific ligation to an unnatural amino acid and generation of pseudocontact shifts inproteins. <i>Bioconjug Chem.</i> 2013 Feb 20;24(2):260-8.					

源叶生物