

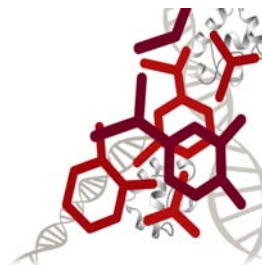
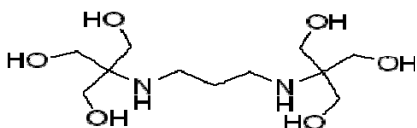


## Certificate of Analysis

CP-Buffer-1

AxyGen's ready to use buffers, precipitants, salts, additives, and detergents provide the most complete and economical solution to crystallization of proteins, peptides, small molecules and nucleic acids. They can be used as a rapid Initial screening method or to accelerate the creation of optimization/follow up screens. Reagents are supplied in sterile bottles (100ml/bottle).

<b>Product Name:</b>	<b>1.0 M BisTriPro, pH 5.5</b>
<b>Description:</b>	BisTriPro titrated to pH 5.5 with HCl
<b>Catalog #:</b>	CP-Buffer-1
<b>Chemical Name:</b>	1,3-Bis[tris(hydroxymethyl)methylamino]propane
<b>Molecular Formula:</b>	$\text{CH}_2[\text{CH}_2\text{NHC}(\text{CH}_2\text{OH})_3]_2$
<b>Molecular Weight:</b>	282.33
<b>CAS Number:</b>	<a href="#">64431-96-5</a>
<b>Beilstein Registry:</b>	1786109
<b>EC Number:</b>	2648993
<b>Purity:</b>	$\geq 99.0\%$
<b>Appearance:</b>	White crystalline powder
<b>Solubility:</b>	Dissolves in water (428 mg/ml), yielding a clear, colorless solution
<b>pKa (25 °C):</b>	(1) 6.8, (2) 9.0
<b>MP:</b>	164-165 °C



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