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Product Datasheet

TCEP HCl, CAS [[51805-45-9]] FBM-10-2961

Artikelname	TCEP HCl, CAS [[51805-45-9]]
Artikelnummer	FBM-10-2961
Hersteller Artikelnummer	10-2961
Alternativnummer	FBM-10-2961-1G,FBM-10-2961-5G
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Reducing agent...
Molekulargewicht	286.65
Reinheit	99% by TLC NMR (Conforms)
Formulierung	White solid
CAS Nummer	[51805-45-9]
Formel	C ₉ H ₁₅ O ₆ P HCl
Anwendungsbeschreibung	A reagent for selective reduction of disulfides in aqueous solutions ¹⁻³ with distinct advantages over DTT which are application specific ³ . For example, spin labels are more stable with TCEP than DTT, Ni ²⁺ (leached from affinity columns) causes rapid oxidation of DTT with no effect on TCEP and for long term storage of proteins TCEP is more stable than DTT with no metal chelator (EGTA) present but DTT is more stable in the presence of metal chelators. ³