

Native Bovine Anhydrotrypsin Pancreatic

Catalog No.	CSI19717A	Quantity:	100 µg
	CSI19717B		1.0 mg

Description: Treatment of trypsin with phenylmethylsulfonyl fluoride (PMSF) followed by a strong base leads to the conversion of Serine 195 to dehydroalanine at the active site. Alpha and beta forms of anhydrotrypsin are separated by immobilized soybean trypsin inhibitor. The activity of anhydrotrypsin is greatly reduced compared to native trypsin as quantified by chromogenic substrate. Anhydrotrypsin provided by our company is the single chain beta-form prepared from Type XIII bovine trypsin. It has an extinction coefficient of 1.54 mg⁻¹ ml⁻¹.

Concentration: 2.0 mg/mL

Source: Bovine Pancreas

Molecular Weight: 23.3 kDa

Formulation: Frozen Liquid in 1 mM HCl + 10 mM CaCl₂

Storage & Stability: Store at -70°C.

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

