

Product Specification

Product Name:

Aprotinin Bovine Lung PurBio, 3-8 TIU/mg powder

Product No.: PSR49367
Brand: PureSynth
CAS No.: 9087-70-1
Molecular Formula: $C_{284}H_{432}N_{84}O_{79}S_7$
Molecular Weight: ~6,500 g/mol



Test	Specification
Appearance	White Solid
Solubility (5 mg/mL, H ₂ O)	Clear to Very Slightly Hazy
Activity	3-8 TIU/mg One trypsin inhibitor unit (TIU) will decrease the activity of two trypsin units by 50% where one trypsin unit will hydrolyze 1.0 micromole of Na-Benzoyl-DL-Arginine-p-Nitroaniline (BAPNA) per minute at pH 7.8 at 25 °C. 1 TIU = 1300 KIU
Unit Definition	
Enzyme solution for activity determination	Prepared in 1 mM hydrochloric acid solution

Specification: PB-1.0-QA/010

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