

Aprotinin
From bovine lungs
Ref. A162

Aprotinin is the WHO generic name for the basic trypsin inhibitor from bovine organs. Aprotinin inhibits the serine proteases trypsin, chymotrypsin, glandular and plasma kininogenases, plasmin, urokinase, Factor XIIa, Protein C, proteases of the complement system as well as leukocyte and tissue proteases.
Can be added to cell culture e.g. to prevent decomposition of protein hormones such as insulin.

Lot:

CAS N°:	[9087-70-1]
MW:	6500
Appearance:	White, solid lyophilisate
Activity:	3.5 PEU/mg 6300 Kinogenase Inhibitor Units (KIU) per mg (equal approx. 7 Trypsin Inhibitor Units (TIU)/mg)
Final concentration:	0.05 – 1.5 mg/ml (300 – 1000 KIU/ml)
Solubility:	Dissolves easily in water (pH optimum: 7.0 –8.0) Clear solution (10 mg/ml)
pH value (H₂O):	6.8
Loss on drying:	2.2 %

Storage: Store cool (+4°C)

Handling: Not classified

Cette substance n'est pas classée comme dangereuse au sens de la Directive 67/548/CEE