

APROTININ

Competitive reversible serine proteinases inhibitor
(from bovine lung tissue)

5



5-Diagnostics

Research and Diagnostic Solutions. Delivered.

Research Use Only.
Not for use in diagnostic
procedures.

APROTININ

Competitive reversible serine proteinases inhibitor (from bovine lung)

APROTININ 250mg, Lyophilized Powder

Principle:

Aprotinin can be used in any application where inhibitor of its targeted proteases is needed. Current uses concern protein isolation, removal of reactive proteases through solid phase, inhibition of undesired proteolytic activity in laboratory assays, or other techniques; for blocking fibrinolytic activity in vitro; etc.

Inhibitory constants:

Enzyme	Ki [M]
Trypsin, bovine	6×10^4
Trypsinogen, bovine	1.8×10
Chymotrypsin, bovine	9×10
Plasmin, human	2.3×10^0
Kallikrein, pancreatic, porcine	1×10
Kallikrein, urinary, porcine	1.7×10
Kallikrein, urinary, human	0.9×10^0
Kallikrein, plasma, porcine	1×10
Elastase, human leukocytes	3.5×10
Urokinase	2.7×10

- Vial containing 250mg
- Can be restored with 5mL distilled water for obtaining a solution at about 50 mg/mL
- Stable at 2-8°C up to the expiration date printed on the label; up to 6 months stored at $\leq -20^\circ\text{C}$

Article No.	Product name	Quantity
5D-62106-RUO	APROTININ	250mg



Reference:

Fritz H, Wunderer G. Biochemistry and applications of aprotinin, the kallikrein-inhibitor from bovine organs. *Arzneim. Forsch./Drug. Res.* 1983; 33: 479-94.

5 5-Diagnostics
Research and Diagnostic Solutions. Delivered.

5-Diagnostics Ltd.
Europe & International
Heuberg 7 | CH 4051 Basel | Switzerland
Tel: +41 61 588 07 84 | Fax: +41 61 588 07 86

Local contact: