

Antipain 2HCl, Serine and cysteine protease inhibitor

Catalog	Unit
TBI2734-5MG	5 mg
TBI2734-25MG	25 mg

Product Details

Formal Name: (S)-1-Carboxy-2-phenylethyl]carbamoyl-L-arginyl-L-valyl-argininal, dihydrochloride

Molecular Formula: C₂₇H₄₄N₁₀O₆ 2HCl

Formula Weight: 677.62

CAS Number: 37682-72-7

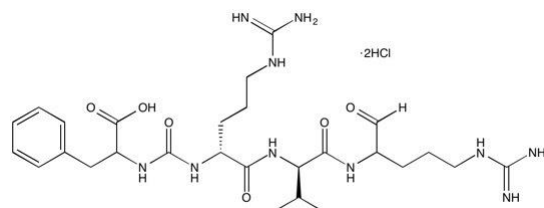
Purity: >98%

Formulation: powder

Solubility: Soluble in water (up to at least 10 mg/ml)

Storage: -20°C

Stability: ≥ 1 year.



Applications

Serine and cysteine protease inhibitor

Functions

Serine/cysteine protease inhibitor. Also inhibits some trypsin-like proteases. May be used as an additive to prevent proteolytic activity during recombinant protein production in Sf-9 insect cell cultures. May be employed in the characterization of newly discovered proteases. Blocks autophagy in cultured tobacco cells and may be used in an assay for autophagy in plant cells.

Application Procedures

First dissolved in water (up to at least 10 mg/ml), then diluted to aqueous buffer. Solutions in distilled water may be stored at -20°C for up to 1 month.

For research use only.