

Elastatinal, Elastase inhibitor

Catalog	Unit
TBI2818-5MG	5 mg
TBI2818-25MG	25 mg

Product Details

Formal Name: N[(S)-1-Carboxyisopentyl]carbamoyl-a-[2-iminohexahydro-4(S)-pyrimidinyl-(S)-glycyl-(S)-glutaminy]-(S)-alaninal

Molecular Formula: C₂₁H₃₆N₈O₇

Formula Weight: 512.56

CAS Number: 51798-45-9

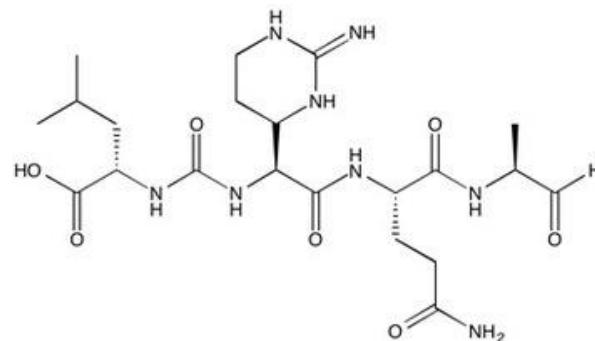
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 3 mg/ml) or in Water (up to 5 mg/ml)

Storage: -20°C

Stability: ≥ 1 year.



Applications

Elastase inhibitor

Functions

Irreversible inhibitor of neutrophil elastase. Inhibits rat microglia elastase. Inhibits the protease activity of poliovirus and rhinovirus 2A proteinase. Inhibits the α 2-macroglobulin-protease complex of mouse mammary tumor virus.

Application Procedures

First dissolved in DMSO (up to 3 mg/ml) or in Water (up to 5 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or distilled water may be stored at -20°C for up to 1 month.

For research use only.