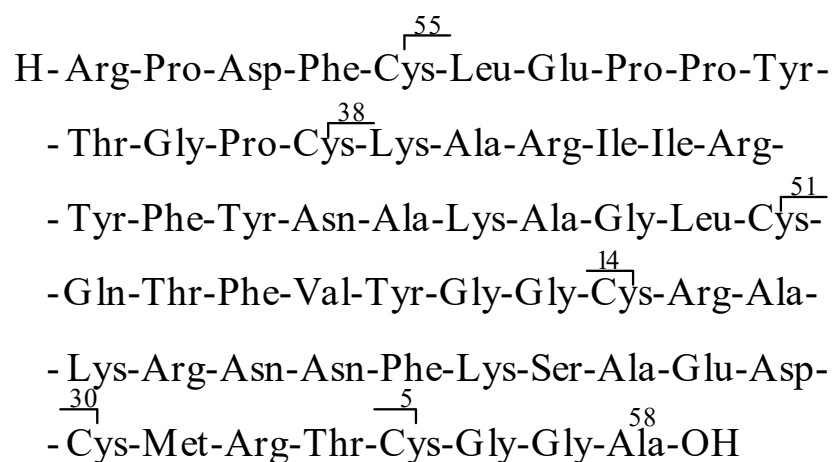




>>Entry Name: Aprotinin, BAN, INN, USAN

Synonym(s): Trasylol. Trypsin inhibitor (ox pancreas basic), 9CI. Basic pancreatic trypsin inhibitor (Kunitz). Frey inhibitor. HPSTI. Aprotinin solution, JAN. Kallikrein-trypsin inactivator. Bayer A128



CAS Registry Number: 9087-70-1

Related CAS Registry Numbers(s): 9004-04-0

Molecular Formula: C₂₈₄H₄₃₂N₈₄O₇₉S₇

Molecular Weight: 6511.514

Accurate Mass: 6507.041391

Percentage Composition: C 52.39%; H 6.69%; N 18.07%; O 19.41%; S 3.45%

Biological Source: Isol. from bovine lung, pancreas or parotid gland

Biological Use/Importance: Natural proteinase inhibitor which has been prepared by solid-phase and semi-synthesis. Used clinically to treat acute pancreatitis and hyperfibrinolytic haemorrhage

Development Status: Approved 1993

UV: [neutral] λ_{max} 280 () (H₂O) (Berdy)

Other Data: pI 10.5

Hazard & Toxicity: Exp. reprod. effects

Fluka: 10818

Sigma: A6439

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