



>>Entry Name: α_1 -Antitrypsin

Synonym(s): α_1 -Trypsin inhibitor, 9Cl. α_1 Proteinase inhibitor. Prolastin. AAT

CAS Registry Number: 9041-92-3

General Statement: Protein containing 394 amino acid residues

Biological Source: Isol. from plasma and serum

Use/Importance: Serine proteinase inhibitor. Anticoagulant. Used in treatment of cystic fibrosis, pulmonary emphysema and other congestive lung diseases

Development Status: Launched 1988

Fluka: 10814

Sigma: A6150

References:

Witt, I. *et al.*, *Methoden Enzym. Anal.*, 3rd Ed., 1984, **5**, 448, (*rev, anal*)

Boswell, D.R. *et al.*, *Biochem. Educ.*, 1985, **13**, 98, (*rev*)

Huber, R. *et al.*, *J. Appl. Crystallogr.*, 1985, **18**, 165, (*cryst struct*)

Berninger, R.W., *J. Med. (Westbury, N.Y.)*, 1985, **16**, 23, (*rev*)

Carrell, R.W., *J. Clin. Invest.*, 1986, **78**, 1427, (*rev*)

Heidtmann, H. *et al.*, *Proteinase Inhib.*, (Eds. Barrett, A.J. *et al*), Elsevier, Amsterdam, 1986, 441, (*rev*)

Mullertz, S., *Fibrinolysis*, 1987, **4**, 3, (*rev*)

Constans, J. *et al.*, *Clin. Pharmacokinet.*, 1992, **23**, 161, (*pharmacokinet*)

Sandhaus, R.A., *Agents Actions*, Suppl., 1993, **42**, 97, (*rev*)

Martindale, The Extra Pharmacopoeia, 30th edn., *Pharmaceutical Press*, 1993, 1334