



>>Entry Name: Serrapeptase, INN, JAN

Synonym(s): Serratiopeptidase. SER. Danzen. Dasen

CAS Registry Number: 37312-62-2

Biological Source: Proteolytic enzyme derived from *Serratia* sp. E15

Biological Use/Importance: Antiinflammatory agent

Development Status: Approved 1968

Hazard & Toxicity: LD₅₀ (rat, orl) > 2500 mg/kg. LD₅₀ (rat, ipr) 34.6 mg/kg. LD₅₀ (rat, ivn) 6.95 mg/kg

References:

Ryden, A.C. *et al.*, *Acta Chem. Scand.*, 1968, **22**, 2803, (*props*)

Kase, Y. *et al.*, *Arzneim.-Forsch.*, 1982, **32**, 374, (*pharmacol*)

Tomoda, K. *et al.*, *Nippon Nogei Kagaku Kaishi*, 1982, **56**, 559; *CA*, **97**, 133377c, (*rev, prodn, props*)

Dallas, P. *et al.*, *Pharmazie*, 1989, **44**, 297, (*hplc*)

Martindale, The Extra Pharmacopoeia, 30th edn., *Pharmaceutical Press*, 1993, 1411

Moriya, N. *et al.*, *Biotechnol. Appl. Biochem.*, 1994, **20**, 101, (*anal, absorption*)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., *Van Nostrand Reinhold*, 1992, SCA625