



>>Entry Name: Trypsin, BAN, JAN

Synonym(s): Parenzyme. Parenzymol. Tryptar. Trypure

CAS Registry Number: 9002-07-7

Biological Source: Extracted from pancreatic gland of *Bos taurus* (ox)

Use/Importance: Proteolytic enzyme

Physical Description: Yellowish cryst.

Other Data: Component of Chymoral

Hazard & Toxicity: LD₅₀ (rat, orl) >5000 mg/kg. LD₅₀ (rat, ivn) 36 mg/kg

Aldrich: 39048-8

Fluka: 93611

Sigma: J6022

References:

U.S. Pat., 1953, *Danske Andelsslagteriers Konserv*, 2 637 680; *CA*, **47**, 8972h, (*isoln*)

Walsh, K.A. *et al.*, *Proc. Natl. Acad. Sci. U.S.A.*, 1964, **51**, 301, (*struct, function*)

Tamburro, A.M. *et al.*, *Gazz. Chim. Ital.*, 1968, **98**, 1256, (*conformn*)

Markley, J.L. *et al.*, *Dev. Biochem.*, 1980, **10**, 31, (*rev, props*)

Marquart, M. *et al.*, *Acta Cryst. B*, 1983, **39**, 480, (*cryst struct*)

Bohe, M. *et al.*, *Digestion*, 1986, **34**, 127, (*metab*)

Gerlt, J.A., *Chem. Rev.*, 1987, **87**, 1079, (*struct*)

Tsarbopoulos, A. *et al.*, *Anal. Chim. Acta*, 1990, **241**, 315, (*ms*)

Martindale, The Extra Pharmacopoeia, 30th edn., *Pharmaceutical Press*, 1993, 1424

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., *Van Nostrand Reinhold*, 1992, TNW000