



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

Synonym(s): 173-L-Serine-174-L-tyrosine-175-L-glutamine-173-527-plasminogen activator (human tissue-type). Rapilysin. BM 06022

CAS Registry Number: 133652-38-7

Molecular Formula: $C_{1736}H_{2653}N_{499}O_{522}S_{22}$

Molecular Weight: 39571.536

Accurate Mass: 39546.024821

Percentage Composition: C 52.69%; H 6.76%; N 17.66%; O 21.11%; S 1.78%

Use/Importance: Plasminogen activator. Fibrinolytic agent, used in the treatment of acute myocardial infarctions

Development Status: Launched 1996 (Germany) (Boehringer Mannheim)

References:

Bode, C. *et al.*, *Ann. Hematol.*, 1994, **69**, 535, (*use*)

Hu, C.K. *et al.*, *Biochemistry*, 1994, **33**, 11760, (*struct*)

Lancet, 1995, 329, (*clin trial*)