



>>Entry Name: Terlipressin, BAN, INN

Synonym(s): *N*-[*N*-(*N*-Glycylglycyl)glycyl]-8-*L*-lysinevasopressin, 9Cl. Glypressin. Remestyp[‡]. Triglycyllypressin

CAS Registry Number: 14636-12-5

Related CAS Registry Numbers(s): 68560-61-2

Gly-Gly-Gly-Cys-Tyr-Phe-Gln-Asn-Cys-Pro-Lys-Gly-NH₂

Molecular Formula: C₅₂H₇₄N₁₆O₁₅S₂

Molecular Weight: 1227.387

Accurate Mass: 1226.496099

Percentage Composition: C 50.89%; H 6.08%; N 18.26%; O 19.55%; S 5.23%

Use/Importance: Antidiuretic hormone, used for treatment of uterine and oesophageal bleeding

Optical Rotation: $[\alpha]_{\text{D}}^{25} -105.7$ (c, 0.1 in AcOH)

References:

Kynd, J. *et al.*, *Eur. J. Pharmacol.*, 1974, **28**, 294, (*pharmacol*)

Kasafirek, E. *et al.*, *Coll. Czech. Chem. Comm.*, 1976, **41**, 4581, (*synth*)

Prochazka, Z. *et al.*, *Coll. Czech. Chem. Comm.*, 1978, **43**, 1285, (*synth, bibl*)

Zieger, G. *et al.*, *Magn. Reson. Chem.*, 1991, **29**, 580, (*pmr, conformn*)

Martindale, *The Extra Pharmacopoeia*, 30th edn., Pharmaceutical Press, 1993, 966