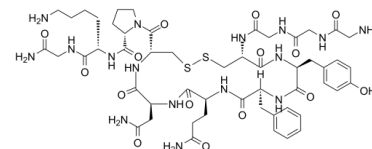


Data Sheet

Product Name:	Terlipressin
Cat. No.:	CS-5769
CAS No.:	14636-12-5
Molecular Formula:	C52H74N16O15S2
Molecular Weight:	1227.37
Target:	Vasopressin Receptor
Pathway:	GPCR/G Protein
Solubility:	DMSO : 100 mg/mL (81.48 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

Terlipressin is a potent vasoconstrictor that acts via V1 receptors on arteriolar smooth muscle cells. Terlipressin can result in splanchnic vasoconstriction augmenting systemic arterial blood pressure with beneficial circulatory and renal effects that would be expected to also ameliorate the key pathophysiological changes responsible for the development of refractory ascites

References:

[1]. Jao YT et al. Refractory torsade de pointes induced by terlipressin (Glypressin). Int J Cardiol, 2016 Jul 30, 222:135-140.

CAIndexNames:

Vasopressin, N-(glycylglycylglycyl)-8-L-lysine-

SMILES:

O=C([C@H](CSSC[C@@H](C(N[C@H](C1=O)CC2=CC=C(O)C=C2)=O)NC(CNC(CNC(CN)=O)=O)=O)NC([C@@H](NC([C@@H](NC([C@H](N1)C([H])CC3=CC=CC=C3)=O)CCC(N)=O)=O)CC(N)=O)=O)N(CCC4)[C@@H]4C(N[C@H](CCCCN)C(NCC(N)=O)=O)=O

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 732-484-9848 Fax: 888-484-5008 E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA