

Alytesin

Cat. No.:	HY-103276
CAS No.:	31078-12-3
Molecular Formula:	C ₆₈ H ₁₀₆ N ₂₂ O ₁₇ S
Molecular Weight:	1535.77
Sequence:	{Glp}-Gly-Arg-Leu-Gly-Thr-Gln-Trp-Ala-Val-Gly-His-Leu-Met-NH ₂
Sequence Shortening:	{Glp}-GRLGTQWAVGHLM-NH ₂
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Alytesin, a bombesin-like peptide, is found in extracts of the skin of *Alytes obstetricans*. Alytesin reduces gastric acid secretion and induces hypertension. Alytesin also induces short-term anorexigenic effects in neonatal chicks^{[1][2][3]}

REFERENCES

- [1]. Guglietta A, et al. Central neuromodulation of gastric acid secretion by bombesin-like peptides. *Peptides*. 1985;6 Suppl 3:75-81.
- [2]. Cline MA, et al. Central and peripheral alytesin cause short-term anorexigenic effects in neonatal chicks. *Neuropeptides*. 2008 Jun;42(3):283-91.
- [3]. Erspamer V, et al. Some pharmacological actions of alytesin and bombesin. *J Pharm Pharmacol*. 1970 Nov;22(11):875-6.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

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