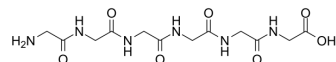


Gly6

Cat. No.:	HY-P0148
CAS No.:	3887-13-6
Molecular Formula:	C ₁₂ H ₂₀ N ₆ O ₇
Molecular Weight:	360.32
Sequence:	Gly-Gly-Gly-Gly-Gly-Gly
Sequence Shortening:	GGGGGG
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Gly6 (Hexaglycine) is a linear glycine oligopeptide with six glycines ^{[1][2]} .
In Vitro	The mode of action of zoocin A against sensitive streptococci is lytic, that lysis occurs as a direct result of the interaction of zoocin A with the cell, and that zoocin A and lysostaphin are both capable of cleaving the peptide substrate Gly6 (Hexaglycine) ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. R S Simmonds, et al. Mode of Action of a Lysostaphin-Like Bacteriolytic Agent Produced by Streptococcus Zooepidemicus 4881. Appl Environ Microbiol. 1996 Dec;62(12):4536-41.

[2]. S A Adibi, et al. The Number of Glycine Residues Which Limits Intact Absorption of Glycine Oligopeptides in Human Jejunum. J Clin Invest. 1977 Nov;60(5):1008-16.

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

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