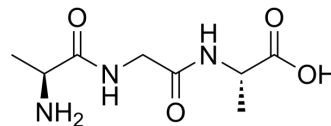


Ala-Gly-Ala

Cat. No.:	HY-P4242
CAS No.:	37460-22-3
Molecular Formula:	C ₈ H ₁₅ N ₃ O ₄
Molecular Weight:	217.22
Sequence:	Ala-Gly-Ala
Sequence Shortening:	AGA
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Ala-Gly-Ala is a prototype of a general tripeptide Xxx-Gly-Zzz. Except glycine and proline, there can be 18 possible amino acids for Xxx and another 18 amino acids for Zzz. Ala-Gly-Ala can be used as a model for up to 324 possible motifs of this kind of tripeptide^[1].

REFERENCES

[1]. Liao J, et al. An assessment of the chiral environment created by adjacent D- and L-alanyl residues on a glycine unit within the tripeptide N-Ac-Ala-Gly-Ala-NHMe: An ab initio exploratory study. *Journal of Molecular Structure Theochem*, 2003, 621(3):163-187.

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

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