



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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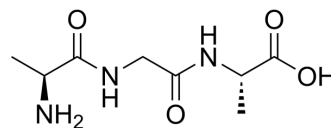
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Ala-Gly-Ala

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:	Sealed storage, away from moisture
	Powder -80°C 2 years
	-20°C 1 year



* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

SOLVENT & SOLUBILITY

In Vitro

DMSO : 4.72 mg/mL (21.73 mM; ultrasonic and adjust pH to 3 with 1 M HCL)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	4.6036 mL	23.0181 mL	46.0363 mL
	5 mM	0.9207 mL	4.6036 mL	9.2073 mL
	10 mM	0.4604 mL	2.3018 mL	4.6036 mL

Please refer to the solubility information to select the appropriate solvent.

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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