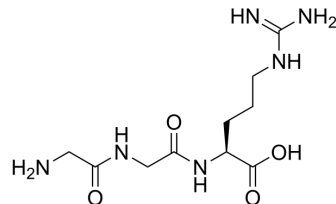


Gly-Gly-Arg

Cat. No.:	HY-P4249
CAS No.:	54944-27-3
Molecular Formula:	C ₁₀ H ₂₀ N ₆ O ₄
Molecular Weight:	288.3
Sequence:	Gly-Gly-Arg
Sequence Shortening:	GGR
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Gly-Gly-Arg is a tripeptide, and a “pumping pheromone” released from the hatching eggs. Gly-Gly-Arg induces pleopod pumping activity, with the threshold concentration of 10 nM. Gly-Gly-Arg shows maximum percentage response of 58.3%. Gly-Gly-Arg act as pheromones and controls larval release in subtidal crustaceans^[1].

REFERENCES

[1]. Ziegler TA, et al. Larval release behaviors in the Caribbean spiny lobster, *Panulirus argus*: role of peptide pheromones. *J Chem Ecol.* 2007 Sep;33(9):1795-805.

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