



# 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

### SZABO-SCANDIC HandelsgmbH

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## Gly-Phe-Arg acetate(121822-47-7 free base)

### Chemical Properties

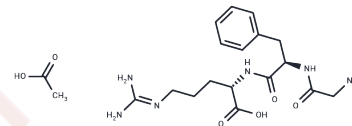
CAS No. :

Formula: C19H30N6O6

Molecular Weight: 438.49

Appearance: no data available

Storage: keep away from moisture  
Powder: -20°C for 3 years | In solvent: -80°C for 1 year



### Biological Description

|               |                                                                                                                                                                              |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description   | Gly-Phe-Arg acetate is a superpotent synthetic tripeptide mimics of the mud-crab pumping pheromone.                                                                          |
| Targets(IC50) | Others                                                                                                                                                                       |
| In vivo       | Gly-Phe-Arg produces not only a statistically significant increase in the relative number of pumping mud crabs but also a substantial increase in the pumping rate ratio[1]. |

### Solubility Information

|            |                                                                                    |
|------------|------------------------------------------------------------------------------------|
| Solubility | DMSO: 10 mM,<br>( $< 1$ mg/ml refers to the product slightly soluble or insoluble) |
|------------|------------------------------------------------------------------------------------|

### Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.2806 mL | 11.4028 mL | 22.8055 mL |
| 5 mM  | 0.4561 mL | 2.2806 mL  | 4.5611 mL  |
| 10 mM | 0.2281 mL | 1.1403 mL  | 2.2806 mL  |
| 50 mM | 0.0456 mL | 0.2281 mL  | 0.4561 mL  |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

### Reference

Pettis RJ, et al. Superpotent synthetic tripeptide mimics of the mud-crab pumping pheromone. Int J Pept Protein Res. 1993 Oct;42(4):312-9.

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