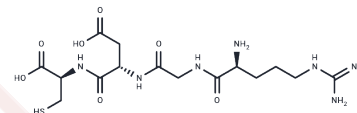


## Arg-Gly-Asp-Cys

## Chemical Properties

CAS No. :	109292-46-8
Formula:	C <sub>15</sub> H <sub>27</sub> N <sub>7</sub> O <sub>7</sub> S
Molecular Weight:	449.48
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Arg-Gly-Asp-Cys is a binding motif of fibronectin and cell adhesion molecules that can inhibit platelet aggregation and fibrinogen binding.
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## Solubility Information

Solubility	H <sub>2</sub> O: 50 mg/mL (111.24 mM), Sonication is recommended. ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2248 mL	11.124 mL	22.2479 mL
5 mM	0.445 mL	2.2248 mL	4.4496 mL
10 mM	0.2225 mL	1.1124 mL	2.2248 mL
50 mM	0.0445 mL	0.2225 mL	0.445 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Patrulea V, et al. Peptide-decorated chitosan derivatives enhance fibroblast adhesion and proliferation in wound healing. Carbohydr Polym. 2016 May 20;142:114-23.

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