



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Arg-Gly-Asp-Cys acetate

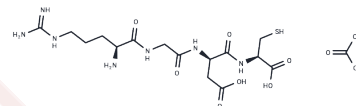
Chemical Properties

CAS No. :

Formula: C17H31N7O9S

Molecular Weight: 509.54

Appearance: no data available

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

Biological Description

Description	Arg-Gly-Asp-Cys acetate inhibits platelet aggregation and fibrinogen binding. Arg-Gly-Asp-Cys acetate is the binding motif of fibronectin to cell adhesion molecules.
Targets(IC50)	Others
In vitro	Arg-Gly-Asp-Cys acetate-functionalized chitosan derivatives exhibit in vitro wound healing properties by enhancing fibroblast proliferation and adhesion. Arg-Gly-Asp-Cys acetate-DAH-CMTMC favors cell growth and an increase in cellular proliferation compared to the control cells. Arg-Gly-Asp-Cys acetate immobilizes peptide onto DAH-CMTMC is found to be about 15.3 µg/mg of chitosan derivative. Arg-Gly-Asp-Cys acetate-functionalized chitosan may lead to enhanced wound healing (viability >140%) [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9626 mL	9.8128 mL	19.6255 mL
5 mM	0.3925 mL	1.9626 mL	3.9251 mL
10 mM	0.1963 mL	0.9813 mL	1.9626 mL
50 mM	0.0393 mL	0.1963 mL	0.3925 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

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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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