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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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GRGDSP acetate(91037-75-1 free base)

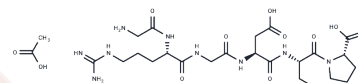
Chemical Properties

CAS No. :

Formula: C₂₄H₄₁N₉O₁₂

Molecular Weight: 647.64

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	GRGDSP acetate(91037-75-1 free base) is a synthetic linear RGD peptide and is an integrin inhibitor.
Targets(IC ₅₀)	Integrin
In vitro	As a synthetic linear RGD peptide, GRGDSP (Gly-Arg-Gly-Asp-Ser-Pro) acetate can inhibit the adherence of tumor cells to endothelial cells of blood vessels and limit its metastasis [1]. GRGDSP (Gly-Arg-Gly-Asp-Ser-Pro) acetate is used as a soluble integrin-blocking RGD-based peptide. GRGDSP acetate is used widely together with other RGD peptides in integrin research. GRGDSP acetate can be used to modify the surface of cardiovascular implants such as vascular grafts to promote endothelialization[2].

Solubility Information

Solubility	H ₂ O: 125 mg/mL (178.16 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	1.5441 mL	7.7203 mL	15.4407 mL
5 mM	0.3088 mL	1.5441 mL	3.0881 mL
10 mM	0.1544 mL	0.772 mL	1.5441 mL
50 mM	0.0309 mL	0.1544 mL	0.3088 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

Qian J, et al. Transarterial administration of integrin inhibitor loaded nanoparticles combined with transarterial chemoembolization for treating hepatocellular carcinoma in a rat model. World J Gastroenterol. 2016 Jun 7;22(21):

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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