

Gly-Arg-Gly-Asp-Ser (TFA)(96426-21-0,free)

Chemical Properties

CAS No. :

Formula: C19H31F3N8O11

Molecular Weight: 604.49

Keep away from moisture

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

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Gly-Arg-Gly-Asp-Ser (GRGDS) is a cell binding protein domain derived from the cell-binding region of fibronectin. Osteopontin uses this motif for cell adhesion.
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Solubility Information

Solubility	H2O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6543 mL	8.2714 mL	16.5429 mL
5 mM	0.3309 mL	1.6543 mL	3.3086 mL
10 mM	0.1654 mL	0.8271 mL	1.6543 mL
50 mM	0.0331 mL	0.1654 mL	0.3309 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

Kim GH, et al. Evaluation of Osteoblast-Like Cell Viability and Differentiation on the Gly-Arg-Gly-Asp-Ser Peptide Immobilized Titanium Dioxide Nanotube via Chemical Grafting. J Nanosci Nanotechnol. 2016 Feb;16(2):1396-9.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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