

Arg-Gly-Glu-Ser(TFA)(93674-97-6,free)

Chemical Properties

CAS No. :

Formula: C18H30F3N7O10

Molecular Weight: 561.47

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	Arg-gly-glu -Ser(TFA) is a RGD related polypeptide that controls the inhibition of fibrinogen binding to activated platelets by RGDS.
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Solubility Information

Solubility	H2O: 20 mg/mL (35.62 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	1.781 mL	8.9052 mL	17.8104 mL
5 mM	0.3562 mL	1.781 mL	3.5621 mL
10 mM	0.1781 mL	0.8905 mL	1.781 mL
50 mM	0.0356 mL	0.1781 mL	0.3562 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

Moon C, et al. Synthetic RGDS peptide attenuates lipopolysaccharide-induced pulmonary inflammation by inhibiting integrin signaled MAP kinase pathways. *Respir Res.* 2009 Mar 9;10:18.

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