

Arg-Gly-Glu-Ser acetate(93674-97-6 free base)

Chemical Properties

CAS No. :

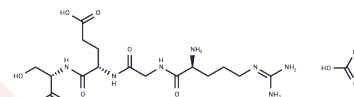
Formula: C18H33N7O10

Molecular Weight: 507.49

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	Arg-Gly-Glu-Ser acetate is a RGD related peptide that is a control for the RGDS activity of fibrinogen binding to activated platelets.
Targets(IC50)	Others
In vivo	Arg-Gly-Glu-Ser (5 mg/kg) in combination with LPS or saline + RGDS does not affect neutrophil and macrophage cell numbers and has no effect on protein accumulation compared with LPS- or saline-treated mice, respectively[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9705 mL	9.8524 mL	19.7048 mL
5 mM	0.3941 mL	1.9705 mL	3.941 mL
10 mM	0.197 mL	0.9852 mL	1.9705 mL
50 mM	0.0394 mL	0.197 mL	0.3941 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 RGD peptide attenuates lipopolysaccharide-induced pulmonary inflammation by inhibiting integrin signaled MAP kinase pathways. *Respir Res.* 2009 Mar 9;10:18.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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