

Gly-Arg-Gly-Asp-Ser TFA

Chemical Properties

CAS No. :	2828433-23-2
Formula:	C19H31F3N8O11
Molecular Weight:	604.49
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Gly-Arg-Gly-Asp-Ser (TFA), a pentapeptide comprising the cell-binding domain of osteopontin (a glycoprotein), interacts with integrin receptors $\alpha\beta3$ and $\alpha\beta5$, with estimated IC50 values of approximately 5 μM and 6.5 μM , respectively [1][2].
Targets(IC50)	Others,Integrin

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.

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