

c-RGD-SH

Chemical Properties

CAS No. : 841255-57-0
Formula: C₂₉H₄₃N₉O₈S
Molecular Weight: 677.78
Storage: Keep away from moisture
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	c-RGD-SH is a ligand for integrin $\alpha\beta 3$ (Integrin $\alpha\beta 3$). By conjugating c-RGD-SH with core-crosslinked polymeric micelles (CCPM), it is possible to synthesize bimodal nanoparticle probes. These probes, when labeled with Cy7 and ¹¹¹ In, can be employed for tumor imaging using SPECT and NIRF techniques.
Targets(IC50)	Integrin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4754 mL	7.377 mL	14.754 mL
5 mM	0.2951 mL	1.4754 mL	2.9508 mL
10 mM	0.1475 mL	0.7377 mL	1.4754 mL
50 mM	0.0295 mL	0.1475 mL	0.2951 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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