

R-BC154 acetate

Chemical Properties

CAS No. :

Formula: C56H65N9O14S3

Molecular Weight: 1184.36

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	R-BC154 acetate, a selective fluorescent antagonist of $\alpha 9\beta 1$ integrin, serves as a high-affinity, activation-dependent probe for investigating $\alpha 9\beta 1$ and $\alpha 4\beta 1$ integrin binding activity. This compound is particularly useful for detailed studies on integrin interactions [1].
Targets(IC50)	Others,Integrin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8443 mL	4.2217 mL	8.4434 mL
5 mM	0.1689 mL	0.8443 mL	1.6887 mL
10 mM	0.0844 mL	0.4222 mL	0.8443 mL
50 mM	0.0169 mL	0.0844 mL	0.1689 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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