

LDV

Chemical Properties

CAS No. : 1155866-55-9

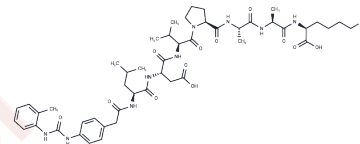
Formula: C48H70N10O12

Molecular Weight: 979.13

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	$\alpha 4\beta 1$ integrin (VLA-4) ligand ($K_d \sim 12$ nM). Non-fluorescent derivative of LDV FITC.
Targets(IC50)	Integrin

Solubility Information

Solubility	0.01M PBS (pH 7.4): 1 mg/mL (1.02 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	1.0213 mL	5.1066 mL	10.2131 mL
5 mM	0.2043 mL	1.0213 mL	2.0426 mL
10 mM	0.1021 mL	0.5107 mL	1.0213 mL
50 mM	0.0204 mL	0.1021 mL	0.2043 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

Chigaev et al (2009) Real-time analysis of conformation-sensitive antibody binding provides new insights into integrin conformational regulation. J.Biol.Chem. 284 14337 PMID:

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