

α 2 β 1 Integrin Ligand Peptide TFA

Chemical Properties

CAS No. :

Formula: C16H23F3N4O11

Molecular Weight: 504.37

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	α 2 β 1 Integrin Ligand Peptide TFA interacts with integrin receptors on the cell membrane, mediating extracellular signaling and potentially acting as an antagonist of the collagen receptor.
Targets(IC50)	Integrin

Solubility Information

Solubility	H2O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9827 mL	9.9134 mL	19.8267 mL
5 mM	0.3965 mL	1.9827 mL	3.9653 mL
10 mM	0.1983 mL	0.9913 mL	1.9827 mL
50 mM	0.0397 mL	0.1983 mL	0.3965 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

Graham KL, et al. Effects on rotavirus cell binding and infection of monomeric and polymeric peptides containing alpha2beta1 and alphaxbeta2 integrin ligand sequences. J Virol. 2004 Nov;78(21):11786-97.

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