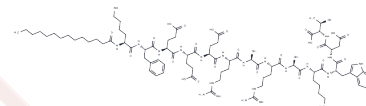


Integrin signaling inhibitor, mP13

Chemical Properties

CAS No. :	1335046-19-9
Formula:	C ₈₇ H ₁₃₈ N ₂₂ O ₂₄
Molecular Weight:	1876.16
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	Integrin signaling inhibitor, mP13 is a compound that inhibits integrin signaling, blocks inside-out and outside-in signaling, and is involved in fibrinogen binding, platelet adhesion, and clot contraction.
Targets(IC50)	Integrin

Solubility Information

Solubility	DMSO: 80 mg/mL (42.64 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	0.533 mL	2.665 mL	5.330 mL
5 mM	0.1066 mL	0.533 mL	1.066 mL
10 mM	0.0533 mL	0.2665 mL	0.533 mL
50 mM	0.0107 mL	0.0533 mL	0.1066 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

Shen B, et al. A directional switch of integrin signalling and a new anti-thrombotic strategy. Nature. 2013 Nov 7; 503(7474):131-5.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481