

α V β 8-IN-1

Chemical Properties

CAS No. : 3048440-55-4

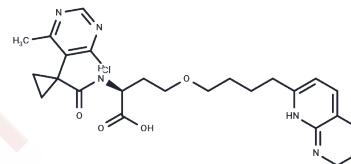
Formula: C₂₅H₃₂ClN₅O₄

Molecular Weight: 502.01

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 V β 8-IN-1 is an α V β 8 integrin inhibitor that suppresses the growth of multiple tumour cell lines (EMT6, CT26, KPC, TKCC-10). It may be employed in research concerning tumours, idiopathic pulmonary fibrosis (IPF), non-specific interstitial pneumonia (NSIP), and other conditions.
Targets(IC50)	Integrin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.992 mL	9.960 mL	19.9199 mL
5 mM	0.3984 mL	1.992 mL	3.984 mL
10 mM	0.1992 mL	0.996 mL	1.992 mL
50 mM	0.0398 mL	0.1992 mL	0.3984 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

Machajewski, timothy D, et al. alpha-v-beta-8 integrin inhibitors and uses thereof. US2023/085812. 2024.07.04.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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