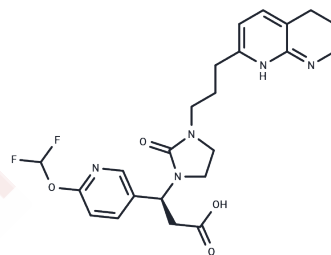


SF0166

## Chemical Properties

CAS No. : 1621332-91-9  
 Formula: C<sub>23</sub>H<sub>27</sub>F<sub>2</sub>N<sub>5</sub>O<sub>4</sub>  
 Molecular Weight: 475.49  
 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	SF0166 is a potent, selective antagonist of $\alpha v \beta 3$ , demonstrating IC <sub>50</sub> values of 0.6 nM for $\alpha v \beta 3$ , 8 nM for $\alpha v \beta 6$ , and 13 nM for $\alpha v \beta 8$ . It effectively inhibits cellular adhesion to vitronectin in human, rat, rabbit, and dog cell lines, with IC <sub>50</sub> values ranging from 7.6 pM to 76 nM. Additionally, SF0166 significantly reduces neovascularization in the oxygen-induced retinopathy mouse model.
Targets(IC <sub>50</sub> )	Others,Integrin

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1031 mL	10.5155 mL	21.0309 mL
5 mM	0.4206 mL	2.1031 mL	4.2062 mL
10 mM	0.2103 mL	1.0515 mL	2.1031 mL
50 mM	0.0421 mL	0.2103 mL	0.4206 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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