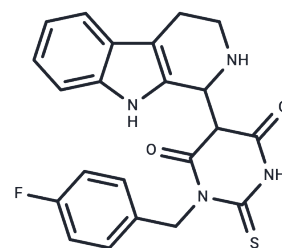


IPS-05002

Chemical Properties

CAS No. : 1185036-77-4
Formula: C₂₂H₁₉FN₄O₂S
Molecular Weight: 422.48
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	IPS-05002 is an integrin $\alpha 5 \beta 1$ antagonist. IPS-05002 inhibited VEGF-stimulated human umbilical vein endothelial cell (HUVEC) proliferation, adhesion, and migration in a dose-dependent manner. IPS-05002 is a potent inhibitor for VEGF-mediated angiogenesis.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.367 mL	11.8349 mL	23.6698 mL
5 mM	0.4734 mL	2.367 mL	4.734 mL
10 mM	0.2367 mL	1.1835 mL	2.367 mL
50 mM	0.0473 mL	0.2367 mL	0.4734 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.

Reference

Min-A Kim, In-Cheol Kang. Anti-angiogenic mechanism of IPS-05002, a novel antagonist against integrin $\alpha 5 \beta 1$, determined by ProteoChip-based antibody array. BioChip Journal, September 2016, Volume 10, Issue 3, pp 174-

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