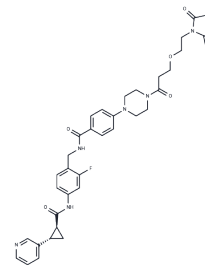


## NAMPT inhibitor-linker 1

## Chemical Properties

CAS No. :	2241019-57-6
Formula:	C36H37FN6O6
Molecular Weight:	668.71
Storage:	Keep away from direct sunlight 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	NAMPT inhibitor-linker 1, a drug-linker conjugate for ADC, integrates an NAMPT inhibitor (as a payload) with a linker. In the formulation of ADC-3, it pairs with an anti-c-Kit monoclonal antibody, demonstrating strong efficacy against c-Kit expressing cell lines, specifically GIST-T1 and NCI-H526, where it exhibits IC50 values of <3 pM and 9 pM, respectively.
Targets(IC50)	Drug-Linker Conjugates for ADC, PROTAC Linker
In vitro	ADC-3 demonstrates potent activity against c-Kit expressing cell lines (GIST-T1 and NCI-H526) with IC50 values of <3 pM and 9 pM, respectively[1].
In vivo	ADC-3 (20 mg/kg, i.v. for 28 days) is well-tolerated and induces tumor stasis in mice with GIST-T1 cells[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4954 mL	7.4771 mL	14.9542 mL
5 mM	0.2991 mL	1.4954 mL	2.9908 mL
10 mM	0.1495 mL	0.7477 mL	1.4954 mL
50 mM	0.0299 mL	0.1495 mL	0.2991 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

Karpov AS, et al. Nicotinamide Phosphoribosyltransferase Inhibitor as a Novel Payload for Antibody-Drug Conjugates. ACS Med Chem Lett. 2018 Jun 28;9(8):838-842.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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