

Product Datasheet

NAMPT inhibitor-linker 1

Catalog No. **BP-02388** · CAS **2241019-57-6** · Form **free base** · Physical state **solid** · Color **White to light yellow** · Version **1.0** · Revision **2026-09-11**

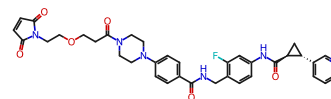
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Target Drug-Linker Conjugates for ADC	Research area Cancer
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Molecular formula **C₃₆H₃₇FN₆O₆**

Molecular weight **668.7140**

STRUCTURE



DESCRIPTION

NAMPT inhibitor-linker 1 is a agent-linker conjugates for ADC, composed of an NAMPT inhibitor as a payload, and a linker. ADC-3 consists of an NAMPT inhibitor-linker 1 and an anti-c-Kit monoclonal antibody, exhibits potent activity against c-Kit expressing cell lines such as GIST-T1 and NCI-H526 cells, with IC50s of <3 pM and 9 pM, respectively.

BIOLOGICAL ACTIVITY

In Vitro

ADC-3 exhibits potent activity against c-Kit expressing cell lines such as GIST-T1 and NCI-H526, with IC50s of <3 pM and 9 pM, respectively.

In Vivo

ADC-3 (20 mg/kg, i.v. for 28 days) is tolerated, and causes tumor stasis in mice bearing GIST-T1 cells

SOLUBILITY

Soluble in DMSO

In vitro DMSO : 12.5 mg/mL

REFERENCES

[1]. 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.