

Product Datasheet

Nampt-IN-10 TFA

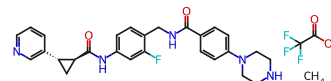
Catalog No. **BP-02420A** · CAS **2567724-20-1** · Form **salt · salt** · Physical state **solid** · Color **White to off-white** · Version **1.0** · Revision **2026-09-11**

FOR RESEARCH USE ONLY. NOT FOR HUMAN OR VETERINARY USE.

Target	Research area
NAMPT	Cancer

Molecular formula	C₃₀H₃₃F₄N₅O₄
Molecular weight	603.6077

STRUCTURE



DESCRIPTION

Nampt-IN-10 TFA (compound 4) is a Nicotinamide Phosphoribosyltransferase (NAMPT) inhibitor. Nampt-IN-10 TFA shows cellular potency to A2780 and CORL23 cells lines with IC50s of 5 and 19 nM, respectively. Nampt-IN-10 TFA can be used as a novel non-antimitotic payload for ADCs .

BIOLOGICAL ACTIVITY

In Vitro

Nampt-IN-10 TFA (0-1 μ M; 72 h) shows cellular potency to A2780, CORL23, and c-Kit and HER2 expressing cell lines.

SOLUBILITY

Soluble in DMSO : 100 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.