

Product Datasheet

UNC8153 TFA

Catalog No. **BP-02259A** · CAS **2929304-61-8** · Form **salt** · **salt** · Physical state **other** · Color **White to off-white** · Version **1.0** · Revision **2026-09-04**

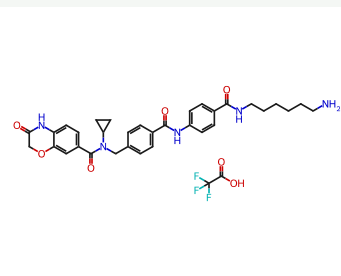
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Target Histone Methyltransferase	Research area Cancer
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Molecular formula **C₃₅H₃₈F₃N₅O₇**

Molecular weight **697.7007**

STRUCTURE



DESCRIPTION

UNC8153 TFA is a potent and selective nuclear receptor-binding SET domain-containing 2 (NSD2)-targeted degrader with a K_d of 24 nM. UNC8153 TFA reduces the cellular levels of both NSD2 protein and the H3K36me2 chromatin mark. UNC8153 TFA contains a simple warhead that confers proteasome-dependent degradation of NSD2.

BIOLOGICAL ACTIVITY

UNC8153 TFA (0-20 μM, 96 h) exhibits anti-adhesion effect in KMS11 cell, and exhibits mild cytotoxicity against MM1S cell

SOLUBILITY

Soluble in DMSO, H₂O

In vitro DMSO : 100 mg/mL H₂O : 12.5 mg/mL

REFERENCES

[1]. Ronan P Hanley, et al. Discovery of a Potent and Selective Targeted NSD2 Degradator for the Reduction of H3K36me2. J Am Chem Soc. 2023 Apr 12;145(14):8176-8188.

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