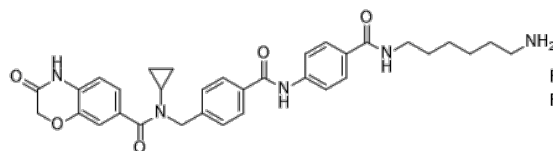


Product Name : UNC8153 TFA
Cat. No. : PC-22591
CAS No. : 2929304-61-8
Molecular Formula : C₃₅H₃₈F₃N₅O₇
Molecular Weight : 697.71
Target : PROTAC
Solubility : 10 mM in DMSO



CAS: 2929304-61-8

Biological Activity

UNC8153 (UNC 8153) TFA is a selective **NSD2**-targeted degrader with binding K_d of 24 nM for NSD2, potently and selectively reduces the cellular levels of both NSD2 protein (DC₅₀=350 nM) and the H3K36me₂ chromatin mark. UNC8153 contains a simple warhead that confers proteasome-dependent degradation of NSD2 through a novel mechanism.

UNC8153 downregulates pathological phenotypes in multiple myeloma cells including mild antiproliferative effects in MM1.S cells containing an activating point mutation and antiadhesive effects in KMS11 cells harboring the t(4;14) translocation.

References

Ronan P Hanley, et al. *J Am Chem Soc.* 2023 Mar 28. doi: 10.1021/jacs.3c01421.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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