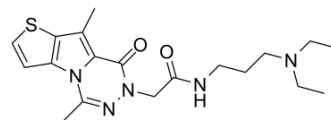


NV03

Cat. No.:	HY-125292
CAS No.:	2448341-58-8
Molecular Formula:	C ₁₉ H ₂₇ N ₅ O ₂ S
Molecular Weight:	389.51
Target:	Histone Methyltransferase; Ligand for E3 Ligase
Pathway:	Epigenetics; PROTAC
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	NV03 is a potent and selective antagonist of UHRF1 (Ubiquitin-like with PHD and RING finger domains 1)- H3K9me3 interaction by binding to UHRF1 tandem tudor domain, with a K_d of 2.4 μ M. NV03 has anticancer activity ^[1] .
IC ₅₀ & Target	UHRF1, H3K9me3 ^[1]

REFERENCES

[1]. Senisterra G, et al. Discovery of Small-Molecule Antagonists of the H3K9me3 Binding to UHRF1 Tandem Tudor Domain. *SLAS Discov.* 2018 Oct;23(9):930-940.

Caution: Product has not been fully validated for medical applications. For research use only.

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