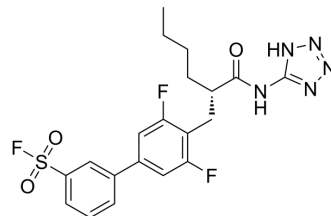


WM-586

Cat. No.:	HY-153728
CAS No.:	2894832-05-2
Molecular Formula:	C ₂₀ H ₂₀ F ₃ N ₅ O ₃ S
Molecular Weight:	467.46
Target:	Histone Methyltransferase
Pathway:	Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	WM-586 is a covalent WDR5 inhibitor that disrupts the binding of WDR5 to MYC. WM-586 specifically decreases cellular WDR5 and MYC interaction with the IC ₅₀ of 101 nM in HTRF assay ^[1] .
IC ₅₀ & Target	IC50: 101 nM (WDR5 and MYC interaction) ^[1]

REFERENCES

[1]. Ding J, et al. Discovery of Potent Small-Molecule Inhibitors of WDR5-MYC Interaction. ACS Chem Biol. 2023 Jan 20;18(1):34-40.

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

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