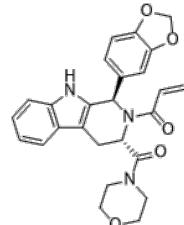


Product Name	:	WX-02-23
Cat. No.	:	PC-22145
CAS No.	:	2929223-35-6
Molecular Formula	:	C ₂₆ H ₂₅ N ₃ O ₅
Molecular Weight	:	459.50
Target	:	Other Targets
Solubility	:	10 mM in DMSO



CAS: 2929223-35-6

Biological Activity

WX-02-23 is a covalent small molecule ligand of transcription factor **FOXA1** with EC50 of 2 μ M in NanoBRET assay, binds cysteine (C258) and promotes the stereoselective and site-specific binding of FOXA1 to DNA.

WX-02-23 stereoselectively blocks CJR-6A reactivity with purified MBP-FOXA1-FKHD protein in the presence of oligonucleotide with IC₅₀ of 8 μ M.

WX-02-23 causes the rapid redistribution of FOXA1 across chromatin.

References

Won SJ, et al. *bioRxiv*. 2024 Mar 21:2024.03.21.586158.

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

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