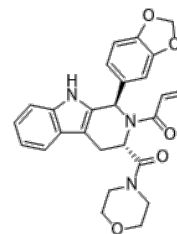


Product Name : WX-02-23
Cat. No. : PC-22145
CAS No. : 2929223-35-6
Molecular Formula : C₂₆H₂₅N₃O₅
Molecular Weight : 459.50
Target : Other Targets
Solubility : 10 mM in DMSO



CAS: 2929223-35-6

Biological Activity

WX-02-23 is a covalent small molecule ligand of transcription factor **FOXA1** with EC₅₀ of 2 μM 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 μM.

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!

E-mail: tech@probechem.com