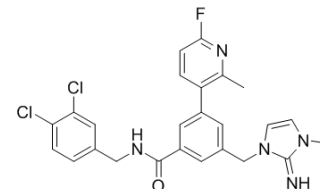


WIN site inhibitor 1

Cat. No.:	HY-111753
Molecular Formula:	C ₂₅ H ₂₂ Cl ₂ FN ₅ O
Molecular Weight:	498.38
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description	WIN site inhibitor 1 is an inhibitor of the WIN site of chromatin-associated WD repeat-containing protein 5 (WDR5), with a K_d of 0.1 nM. WIN site inhibitor 1 displaces WDR5 from chromatin and decreases the expression of associated genes, causing translational inhibition, nucleolar stress. Anti-cancer activity ^[1] .
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IC₅₀ & Target	Kd: 0.1 nM (WIN) ^[1]
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REFERENCES

[1]. Aho ER, et al. Displacement of WDR5 from Chromatin by a WIN Site Inhibitor with Picomolar Affinity. Cell Rep. 2019 Mar 12;26(11):2916-2928.e13.

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

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