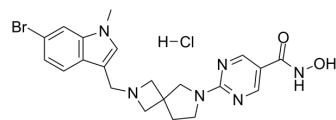


HDAC1-IN-4

Cat. No.:	HY-144298
CAS No.:	2482998-39-8
Molecular Formula:	C ₂₁ H ₂₄ BrClN ₆ O ₂
Molecular Weight:	507.81
Target:	Parasite; HDAC
Pathway:	Anti-infection; Cell Cycle/DNA Damage; Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	HDAC1-IN-4 (JX34) is a potent <i>Plasmodium falciparum</i> HDAC1 inhibitor shows antimalarial activity (IC ₅₀ < 5 nM) and lower cytotoxicity ^[1] .
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REFERENCES

[1]. Wang M, et al. Drug Repurposing of Quisinostat to Discover Novel Plasmodium falciparum HDAC1 Inhibitors with Enhanced Triple-Stage Antimalarial Activity and Improved Safety. J Med Chem. 2022;65(5):4156-4181.

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

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