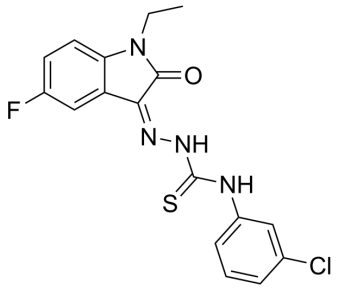
HSV-1/HSV-2-IN-2

Cat. No.:	HY-149023
CAS No.:	2490468-39-6
Molecular Formula:	$C_{17}H_{14}ClFN_4OS$
Molecular Weight:	376.84
Target:	HSV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	HSV-1/HSV-2-IN-2 is a HSV-1, HSV-2 and VV inhibitor with EC_{50} values of 6.8, 8.9 and 8.9 μM, respectively. HSV-1/HSV-2-IN-2 shows antiviral activity[1].

IC_{50} & Target	HSV-1	HSV-2
	6.8 μM (EC50)	8.9 μM (EC50)

In Vitro

HSV-1/HSV-2-IN-2(100 μM, 3-6Days, HEL cell cultures) is effective and nontoxic against HSV-1 (KOS), HSV-2 (G), HSV-1 TK-KOS ACVr and VV at low μM doses[1].

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

Cell Viability Assay

Cell Line:	HEL cell cultures
Concentration:	100 μM
Incubation Time:	3-6 Days
Result:	Showed nontoxic and effective at 6.8, 8.9, 6.8 and 8.9 μM against HSV-1 (KOS), HSV-2 (G), HSV-1 TK- KOS ACVr and VV, respectively.

REFERENCES

[1]. Dizhong Chen et al. Synthesis and biological evaluation of 6-phenylpurine linked hydroxamates as novel histone deacetylase inhibitors. Bioorg Chem. 2020 May;98:103724.

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