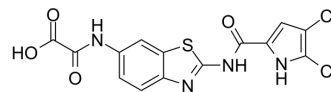


HSP90-IN-14

Cat. No.:	HY-147974
CAS No.:	1995132-67-6
Molecular Formula:	C ₁₄ H ₈ Cl ₂ N ₄ O ₄ S
Molecular Weight:	399.21
Target:	HSP; Influenza Virus
Pathway:	Cell Cycle/DNA Damage; Metabolic Enzyme/Protease; Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	HSP90-IN-14 (compound 4) is a potent Hsp90 (heat shock protein 90) inhibitor, with a K _d of 0.26 μM. HSP90-IN-14 shows anti-influenza virus activity in MDCK cells, with EC ₅₀ values of 2.6, 3.9, and 17 μM for influenza A/H3N2, A/H1N1, and B, respectively ^[1] .
IC ₅₀ & Target	HSP90β 0.26 ± 0.0 μM (K _d)
In Vitro	HSP90-IN-14 (compound 4) (50 μM) inhibits influenza virus-induced cytopathic effect at non-toxic concentrations ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Lamut A, et al. Anti-influenza virus activity of benzo[d]thiazoles that target heat shock protein 90. *Bioorg Chem.* 2020 May;98:103733.

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

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