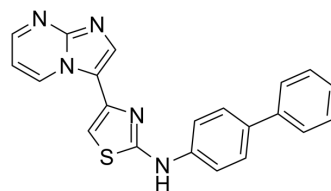


EV-A71-IN-1

Cat. No.:	HY-145850
CAS No.:	2413648-96-9
Molecular Formula:	C ₂₁ H ₁₅ N ₅ S
Molecular Weight:	369.44
Target:	Enterovirus
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	EV-A71-IN-1 is a human enterovirus A71 (EV-A71) capsid protein inhibitor with an EC ₅₀ of 0.27 μM against EV-A71. EV-A71-IN-1 is a capsid binder that blocks the interaction between the viral VP1 and the host receptor hSCARB2. EV-A71-IN-1 inhibits a series of different human enteroviruses without significant cytotoxicity (CC ₅₀ >56.2 μM) ^[1] .
In Vitro	EV-A71-IN-1 (compound 12s) shows activity not only against different EV-A71 strains (BrCr, GZ-CII, EV71/HeN09 and EV71/G082) but also against other representative enteroviruses (CV-A16, EV-D68, Echov-6, CV-B2 and CV-B6) ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Xu Z, et al. Discovery of aminothiazole derivatives as novel human enterovirus A71 capsid protein inhibitors. *Bioorg Chem.* 2022;122:105683.

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

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