ZIKV-IN-3

Description

In Vitro

Cat. No.:	HY-151446
CAS No.:	947699-46-9
Molecular Formula:	C ₃₉ H ₄₁ NO ₄
Molecular Weight:	587.75
Target:	DNA Methyltransferase; Virus Protease; Flaviviridae
Pathway:	Epigenetics; Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



Concentration:	0.08, 0.4, 2, 10, and 50 μM
Incubation Time:	96 hours
Result:	Exhibited low cytotoxicities to Vero cells, Huh7 cells and A549 cells with CC_{50} >200 μ M to all three cell lines.

Western Blot Analysis^[1]

Cell Line:	Vero cells	
Concentration:	0.08, 0.4, 2, 10, and 50 μM	
Incubation Time:	48 hours	
Result:	Inhibited the expression of ZIKV E protein in a dose-dependent manner.	

Product Data Sheet



REFERENCES

[1]. Qian W, et al. Discovery of dehydroandrographolide derivatives with C19 hindered ether as potent anti-ZIKV agents with inhibitory activities to MTase of ZIKV NS5. Eur J Med Chem. 2022 Aug 27;243:114710.

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

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