# ZIKV-IN-5

**Cat. No.:** HY-151448

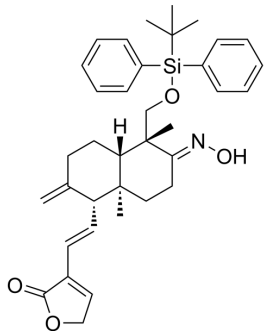
**Molecular Formula:** $C_{36}H_{45}NO_4Si$

**Molecular Weight:** 583.83

**Target:** Virus Protease

**Pathway:** Anti-infection

**Storage:** Please store the product under the recommended conditions in the Certificate of Analysis.




## BIOLOGICAL ACTIVITY

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| **Description** | ZIKV-IN-5 (compound 5c) is a low-cytotoxicity and acid-stable anti-ZIKV agent ($EC_{50}$=0.71 μM). ZIKV-IN-5 effectively inhibits the activity of ZIKV NS5 MTase[1]. |
| **$IC_{50}$ & Target** | EC50:0.71 μM (ZIKV)[1]. |
| **In Vitro** | ZIKV-IN-5 (0-200 μM; 96 h) shows low cytotoxicity[1].<br>MCE has not independently confirmed the accuracy of these methods. They are for reference only.<br>Cell Cytotoxicity Assay[1] |

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| Cell Line: | Vero cells |
| Concentration: | 0-200 μM |
| Incubation Time: | 96 h |
| Result: | Exhibited low cytotoxicities with a $CC_{50}$ value of more than 200 μM |

## 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.



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