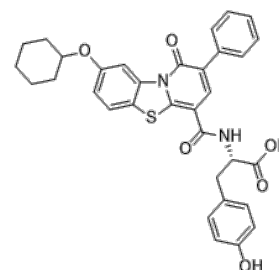


**Product Name** : HeE1-2Tyr  
**Cat. No.** : PC-24464  
**CAS No.** : 2245195-67-7  
**Molecular Formula** : C<sub>33</sub>H<sub>30</sub>N<sub>2</sub>O<sub>6</sub>S  
**Molecular Weight** : 582.67  
**Target** : Filovirus  
**Solubility** : 10 mM in DMSO



CAS: 2245195-67-7

## Biological Activity

HeE1-2Tyr is a potent, nonnucleoside inhibitor of flavivirus RNA dependent RNA polymerase (RdRp) with IC<sub>50</sub> of 1.5 μM and 3.4 μM for DENV3 and WNV RdRps, respectively, also is a SARS-CoV-2 RdRp with IC<sub>50</sub> of 27.6 μM.

HeE1-2Tyr inhibits an Ugandan strain of WNV with an IC<sub>50</sub> = 2.1 μM, as well as all the four DENV serotypes, with IC<sub>50</sub> ranging from 6.8 to 15 μM.

HeE1-2Tyr inhibits clinical strains of YFV with IC<sub>50</sub> values ranging from 3.9 to 12 μM.

HeE1-2Tyr is a potent inhibitor of RdRp from Dengue virus (DENV), West Nile virus, and Yellow fever virus, all members of genus Flavivirus.

## References

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Tarantino D, et al. Antiviral Res. 2016 Oct;134:226-235.

Dejmek M, et al. Viruses. 2021 Aug 11;13(8):1585.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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