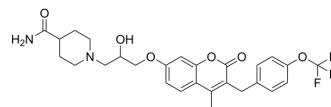


## EBOV/MARV-IN-3

Cat. No.:	HY-146814
CAS No.:	2687245-05-0
Molecular Formula:	C <sub>27</sub> H <sub>29</sub> F <sub>3</sub> N <sub>2</sub> O <sub>6</sub>
Molecular Weight:	534.52
Target:	Filovirus
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	EBOV/MARV-IN-3 (compound 32) is a potent EBOV and MARV inhibitor with IC <sub>50</sub> values of 0.5, 1.2 μM, respectively. EBOV/MARV-IN-3 binds to the hydrophobic pocket close to EBOV Y517. EBOV/MARV-IN-3 shows antiviral activity <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 0.5 μM (EBOV); 1.2 μM (MARV) <sup>[1]</sup>

### REFERENCES

[1]. Gao Y, et al. Development of coumarine derivatives as potent anti-filovirus entry inhibitors targeting viral glycoprotein. Eur J Med Chem. 2020 Oct 15;204:112595.

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

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