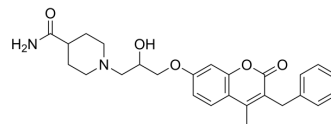


## CP19

Cat. No.:	HY-146815
CAS No.:	1018148-68-9
Molecular Formula:	C <sub>26</sub> H <sub>30</sub> N <sub>2</sub> O <sub>5</sub>
Molecular Weight:	450.53
Target:	Histamine Receptor; Filovirus
Pathway:	GPCR/G Protein; Immunology/Inflammation; Neuronal Signaling; Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

Description	CP19, a histamine receptor antagonist, is an entry inhibitor against both Ebolavirus (EBOV) and Marburgvirus (MARV) with IC <sub>50</sub> s of 3.4 μM and 29.5 μM, respectively. CP19 has SI values of 29.4 and 3.4 for EBOV and MARV, respectively. CP19 has antiviral activity <sup>[1]</sup> .
IC <sub>50</sub> & Target	Histamine Receptor

## REFERENCES

[1]. Yinyi Gao, 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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA