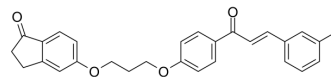


## TMV-IN-3

Cat. No.:	HY-148569
CAS No.:	2883408-35-1
Molecular Formula:	C <sub>28</sub> H <sub>26</sub> O <sub>4</sub>
Molecular Weight:	426.5
Target:	TMV; Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	TMV-IN-3, chalcone derivative, is a tobacco mosaic virus (TMV) inhibitor. TMV-IN-3 has antiviral activity against TMV with an EC <sub>50</sub> value of 120.3 µg/mL. TMV-IN-3 can be used for the research of infection, inflammation and tumor <sup>[1]</sup> .
IC <sub>50</sub> & Target	EC <sub>50</sub> : 120.3 µg/mL (TMV) <sup>[1]</sup>
In Vitro	TMV-IN-3 (compound N10) has good activity against TMV with an EC <sub>50</sub> value of 120.3 µg/mL, respectively <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Nan Sun, et al. Design, Synthesis, and Bioactivity of Chalcone Derivatives Containing Indanone. ACS Omega 2023.

**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