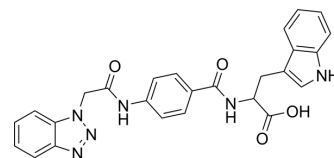


TMV-IN-8

Cat. No.:	HY-162400
CAS No.:	3023856-56-3
Molecular Formula:	C ₂₆ H ₂₂ N ₆ O ₄
Molecular Weight:	482.49
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

TMV-IN-8 (compound 7 d) is an anti tobacco mosaic virus (TMV) agent with an antiviral EC₅₀ of 157.6 µg/mL. TMV-IN-8 blocks the assembly of TMV by binding with coat protein (K_d = 0.7 µM) and suppressed TMV coat protein gene expression and biosynthesis process^[1].

REFERENCES

[1]. Li ZX, et al. Identification of Novel Bisamide-Decorated Benzotriazole Derivatives as Anti-Phytopathogenic Virus Agents: Bioactivity Evaluation and Computational Simulation. J Agric Food Chem. 2024 Apr 3;72(13):6900-6912.

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

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