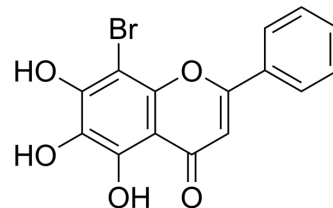


DENV-IN-9

| | |
|--------------------|---|
| Cat. No.: | HY-152083 |
| CAS No.: | 791838-63-6 |
| Molecular Formula: | C ₁₅ H ₉ BrO ₅ |
| Molecular Weight: | 349.13 |
| Target: | Virus Protease; Flavivirus; Dengue virus |
| Pathway: | Anti-infection |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | |
|---------------------------|--|
| Description | DENV-IN-9 (Compound 5f) is a DENV2 inhibitor with an EC ₅₀ of 0.88 μM ^[1] . |
| IC ₅₀ & Target | EC ₅₀ : 0.88 μM (DENV2) ^[1] |
| In Vitro | DENV-IN-9 (Compound 5f) (72 h) shows anti-dengue activity with an EC ₅₀ of 0.88 ± 0.14 μM against DENV2-infected LLC/MK2 cells and exhibits low toxicity against normal cells ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only. |

REFERENCES

[1]. Patigo A, et al. Design, synthesis, in vitro, in silico, and SAR studies of flavone analogs towards anti-dengue activity. Sci Rep. 2022 Dec 14;12(1):21646.

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