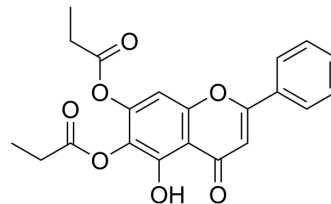


## DENV-IN-8

Cat. No.:	HY-152082
CAS No.:	1809464-07-0
Molecular Formula:	C <sub>21</sub> H <sub>18</sub> O <sub>7</sub>
Molecular Weight:	382.36
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-8 (Compound 5e) is a DENV2 inhibitor with an EC <sub>50</sub> of 0.068 μM <sup>[1]</sup> .
IC <sub>50</sub> & Target	EC <sub>50</sub> : 0.068 μM (DENV2) <sup>[1]</sup>
In Vitro	DENV-IN-8 (Compound 5e) (72 h) shows anti-dengue activity with an EC <sub>50</sub> of 0.068 ± 0.040 μM against DENV2-infected LLC/MK2 cells and exhibits low toxicity against normal cells <sup>[1]</sup> . 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.**

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