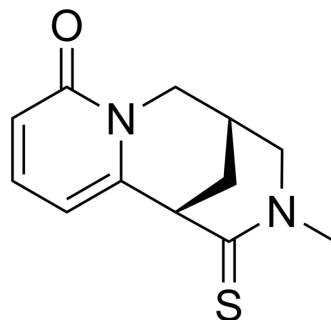


DENV-IN-12

Cat. No.:	HY-157550
CAS No.:	2581065-80-5
Molecular Formula:	C ₁₂ H ₁₄ N ₂ OS
Molecular Weight:	234.32
Target:	Dengue virus
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

DENV-IN-12 (Compound 6) is a derivative of N-methylcytisine thio, which inhibits DENV-1 and DENV-2. DENV-IN-12 displays robust antiviral activity against DENV-2, with EC₅₀ values ranging from 0.002 to 0.005 μM in different cell lines^[1].

REFERENCES

[1]. Lin CS, et al. Inhibition of dengue viruses by N-methylcytisine thio derivatives through targeting viral envelope protein and NS2B-NS3 protease. *Bioorg Med Chem Lett*. 2024 Jan 18;99:129623.

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

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