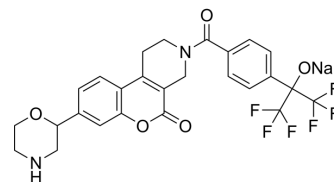


## MTHFD2-IN-4 sodium

Cat. No.:	HY-149828A
Molecular Formula:	C <sub>26</sub> H <sub>21</sub> F <sub>6</sub> N <sub>2</sub> NaO <sub>5</sub>
Molecular Weight:	578.44
Target:	Methylenetetrahydrofolate Dehydrogenase (MTHFD)
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

MTHFD2-IN-4 sodium, tricyclic coumarin derivative, is a potent MTHFD2 inhibitor. MTHFD2-IN-4 sodium can be used in research of cancer<sup>[1]</sup>.

### REFERENCES

[1]. Jha V, et, al. Binding Analysis and Structure-Based Design of Tricyclic Coumarin-Derived MTHFD2 Inhibitors as Anticancer Agents: Insights from Computational Modeling. ACS Omega. 2023 Apr 12;8(16):14440-14458.

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

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