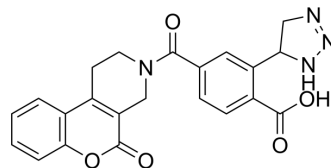


## MTHFD2-IN-2

Cat. No.:	HY-149826
Molecular Formula:	C <sub>22</sub> H <sub>18</sub> N <sub>4</sub> O <sub>5</sub>
Molecular Weight:	418.4
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-2 (compound 13) is a potent methylenetetrahydrofolate dehydrogenase (MTHFD2) inhibitor <sup>[1]</sup> .
IC <sub>50</sub> & Target	MTHFD2 <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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