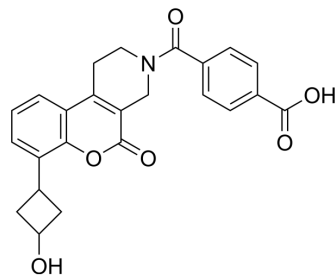


MTHFD2-IN-1

Cat. No.:	HY-149825
Molecular Formula:	C ₂₄ H ₂₁ NO ₆
Molecular Weight:	419.43
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-1 (compound 12) is a potent methylenetetrahydrofolate dehydrogenase (MTHFD2) inhibitor ^[1] .
IC ₅₀ & Target	MTHFD2 ^[1]

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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