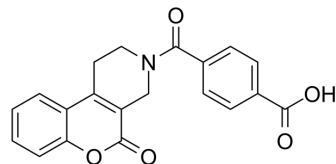


DS44960156

Cat. No.:	HY-131943		
CAS No.:	2361327-08-2		
Molecular Formula:	C ₂₀ H ₁₅ NO ₅		
Molecular Weight:	349.34		
Target:	Methylenetetrahydrofolate Dehydrogenase (MTHFD)		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description	DS44960156 is a selective Methylenetetrahydrofolate dehydrogenase 2 (MTHFD2) inhibitor, with IC ₅₀ values of 1.6 μM and >30 μM for MTHFD2 and MTHFD1, respectively ^[1] .
IC ₅₀ & Target	IC ₅₀ : 1.6 μM (MTHFD2), >30 μM (MTHFD1) ^[1] .

REFERENCES

[1]. Junya Kawai, et al. Structure-Based Design and Synthesis of an Isozyme-Selective MTHFD2 Inhibitor with a Tricyclic Coumarin Scaffold. ACS Med Chem Lett. 2019 May 24;10(6):893-898.

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

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