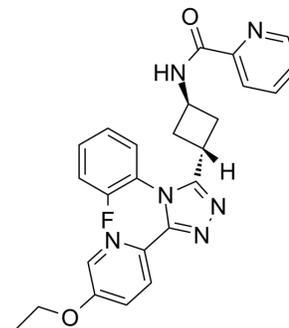


OM-1700

Cat. No.:	HY-145266
CAS No.:	2406276-78-4
Molecular Formula:	C ₂₅ H ₂₃ FN ₆ O ₂
Molecular Weight:	458.49
Target:	PARP
Pathway:	Cell Cycle/DNA Damage; Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	OM-1700 is a potent tankyrase inhibitor with IC ₅₀ s of 127 and 14 nM for tankyrase 1 and tankyrase 2, respectively. OM-1700 reduces cell growth in the colon cancer cell line COLO 320DM (GI ₅₀ =650 nM) ^[1] .	
IC ₅₀ & Target	TNKS1 127 nM (IC ₅₀)	TNKS2 14 nM (IC ₅₀)
In Vitro	OM-153 shows inhibition (IC ₅₀ =19 nM) in a cellular (HEK293) WNT/β-catenin signaling reporter assay ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.	

REFERENCES

[1]. Leenders RGG, et al. Development of a 1,2,4-Triazole-Based Lead Tankyrase Inhibitor: Part II. J Med Chem. 2021;64(24):17936-17949.

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

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