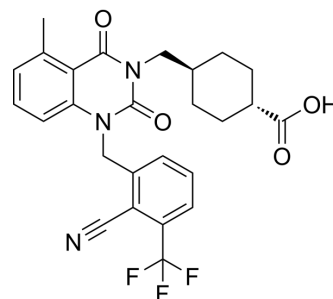


TNKS1/2-IN-2

Cat. No.:	HY-153259
CAS No.:	1498300-35-8
Molecular Formula:	C ₂₆ H ₂₄ F ₃ N ₃ O ₄
Molecular Weight:	499.48
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	TNKS1/2-IN-2 (Compound 21) is a potent and selective tankyrases inhibitor. TNKS1/2-IN-2 exhibits IC ₅₀ values of 4 nM and 63 nM against TNK1 and TNK2 in the enzymatic assay, respectively. TNKS1/2-IN-2 inhibits proliferation of A549 and H292 cell lines with IC ₅₀ values of 39.5 nM and 12.8 nM, respectively. TNKS1/2-IN-2 can be used for the research of cancer ^[1] .
IC₅₀ & Target	IC ₅₀ : 4 nM (TNK1); 63 nM (TNK2); 39.5 nM (A549 cell); 12.8 nM (H292 cell) ^[1] .

REFERENCES

[1]. Qin D, et al. Discovery of Orally Bioavailable Ligand Efficient Quinazolinones as Potent and Selective Tankyrases Inhibitors. ACS Med Chem Lett. 2021 May 13;12(6):1005-1010.

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

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