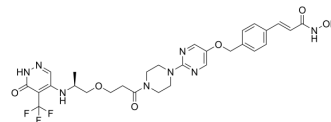


PARP7/HDACs-IN-1

Cat. No.:	HY-162349
Molecular Formula:	C ₂₉ H ₃₃ F ₃ N ₈ O ₆
Molecular Weight:	646.62
Target:	HDAC; PARP
Pathway:	Cell Cycle/DNA Damage; Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	PARP7/HDACs-IN-1 (compound 9l) is a dual-target inhibitor targeting PARP7/HDAC with anti-tumor activity. PARP7/HDACs-IN-1 inhibits different subtypes of PARPs and HDACs with IC ₅₀ s of 83.3 nM (PARP1), 3.1 nM (PARP7), 35 nM (HDAC1), 30.3 nM (HDAC2), 35.4 nM (HDAC3), and 6.4 nM respectively. (HDAC6) ^[1] . br/ ^[1] .
IC₅₀ & Target	IC50: 83.3 nM (PARP1), 3.1 nM (PARP7), 35 nM (HDAC1), 30.3 nM (HDAC2), 35.4 nM (HDAC3), 6.4 nM (HDAC6) ^[1]

REFERENCES

[1]. Duan J L, et al. Design, Synthesis, and Structure–Activity Relationship of Novel Pyridazinone-Based PARP7/HDACs Dual Inhibitors for Elucidating the Relationship between Antitumor Immunity and HDACs Inhibition[J]. Journal of Medicinal Chemistry, 2024.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA