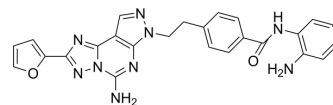


IHCH-3064

Cat. No.:	HY-145406
CAS No.:	2420562-65-6
Molecular Formula:	C ₂₅ H ₂₁ N ₉ O ₂
Molecular Weight:	479.49
Target:	Adenosine Receptor; HDAC
Pathway:	GPCR/G Protein; Cell Cycle/DNA Damage; Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	IHCH-3064 is a dual-acting compounds targeting Adenosine A2A Receptor and HDAC. IHCH-3064 exhibits potent binding to A2AR (K _i =2.2 nM) and selective inhibition of HDAC1 (IC ₅₀ =80.2 nM), with good antiproliferative activity against tumor cell lines in vitro. IHCH-3064 is a tumor immunotherapeutic agent.
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REFERENCES

[1]. Wenzhong Yan, et al. Structure-Based Design of Dual-Acting Compounds Targeting Adenosine A 2A Receptor and Histone Deacetylase as Novel Tumor Immunotherapeutic Agents. J Med Chem. 2021 Nov 25;64(22):16573-16597.

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

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