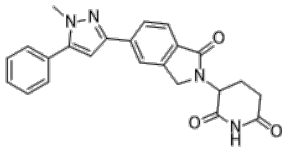
ProbeChem®
Expedite Your Scientific Research

WWW.PROBECHEM.COM

Data Sheet

Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	:	INNO-220
Cat. No.	:	PC-24767
CAS No.	:	3032577-24-2
Molecular Formula	:	$C_{23}H_{20}N_4O_3$
Molecular Weight	:	400.44
Target	:	PROTAC
Solubility	:	10 mM in DMSO



CAS: 3032577-24-2

Biological Activity

INNO-220 is a highly selective and potent, CRBN-dependent, orally bioavailable degrader of **CK1α** without affecting IKZF1/3, impairs cell viability and selectively degraded CK1α in lymphoma cells.
INNO-220 inhibits cells harboring wild-type p53 and exhibiting constitutive NF-κB signaling.
INNO-220 inhibits IL-2 expression by disrupting the CBM complex and inhibiting NF-κB activity.
INNO-220 suppresses NF-κB signaling and activates p53 pathway, leading to complete inhibition of lymphoma tumor growth in vivo.
INNO-220 disrupts the assembly and function of the CARD11/BCL10/MALT1 complex, thereby inhibiting NF-κB signaling in stimulated T cells and lymphoma cells that harbor an activating mutation in CARD11.

References

Feng S, et al. ***Leukemia***. 2025 May 27. doi: 10.1038/s41375-025-02647-x.

Patent WO2024054832 A1.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com