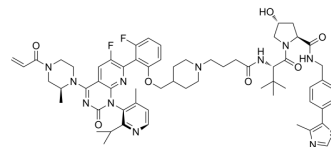


YN14

Cat. No.:	HY-155356
Molecular Formula:	C ₆₂ H ₇₅ F ₂ N ₁₁ O ₇ S
Molecular Weight:	1156.39
Target:	Ras; PROTACs
Pathway:	GPCR/G Protein; PROTAC
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

YN14 is a KRASG12C proteolysis targeting chimera (PROTAC). YN14 is highly potent and selective KRASG12C degrader and induces a stable KRASG12C: YN14: VHL ternary complex with low binding free energy (ΔG). YN14 has antiproliferative effects and significantly inhibits KRASG12C-mutant cancer cell growth. YN14 leads to tumor regression with tumor growth inhibition (TGI%) rates more than 100 % in the MIA PaCa-2 xenograft model.

REFERENCES

[1]. Ning Yang, et al. Discovery of highly potent and selective KRASG12Cdegraders by VHL-recruiting PROTACs for the treatment of tumors with KRASG12C-Mutation. Eur J Med Chem. 2023 Dec 5;261:115857.

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

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