

Product Datasheet

pan-KRAS degrader 1

Catalog No. **BP-01564** · CAS **2937327-83-6** · Form **free base** · Physical state **other** · Color **white to light yellow** · Version **1.0** · Revision **2026-09-11**

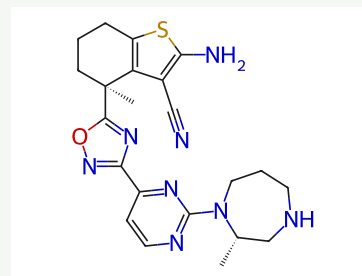
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Target Ras	Research area Cancer
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Molecular formula **C₂₂H₂₆N₈OS**

Molecular weight **450.5600**

STRUCTURE



DESCRIPTION

pan-KRAS degrader 1 (Compound 1) is a panKRAS degrader with a surface plasmon resonance (SPR) dissociation constant K_i value of 25 nM for KRAS G12V. pan-KRAS degrader 1 has antitumor activity.

BIOLOGICAL ACTIVITY

In Vitro

pan-KRAS-IN-18 (compound 10) (72 h) exhibits antiproliferative effects against Ba/F3 KRASG12V and NCI-H727 with EC₅₀s of 0.959 and >1 μM, respectively.

pan-KRAS-IN-18 exhibits high clearance in mouse and human liver microsomes.

pan-KRAS-IN-18 (compound 1) exhibits high binding affinity towards KRASG12V with a K_i of 25 nM.

SOLUBILITY

soluble in DMSO

In vitro DMSO : 100 mg/mL

REFERENCES

[1]. Bröcker J, et al. Discovery of BI-2493, a Pan-KRAS Inhibitor Showing In Vivo Efficacy. J Med Chem. 2025 Aug 14;68(15):15649-15668.

[2]. Popow J, et al. Targeting cancer with small-molecule pan-KRAS degraders. Science. 2024 Sep 20;385(6715):1338-1347.