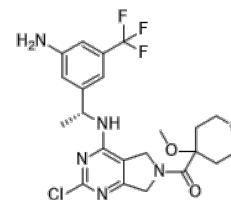


Product Name : RMC-0331
Cat. No. : PC-22562
CAS No. : 2488788-52-7
Molecular Formula : C₂₂H₂₅ClF₃N₅O₃
Molecular Weight : 499.92
Target : Ras
Solubility : 10 mM in DMSO



CAS: 2488788-52-7

Biological Activity

RMC-0331 (RMC-023, RM-023) is a potent, selective, and orally bioavailable SOS1 inhibitor, disrupts the critical interaction between KRAS and SOS1, blocks RAS activation.

RMC-0331 (RMC-023, RM-023) blocks reloading of KRAS with GTP, and thereby inhibit RAS pathway signaling and RAS-driven cancer cell growth in vitro.

Oral administration of RM-023 produced a dose-dependent suppression of tumor RAS pathway activation in vivo and inhibited tumor growth in preclinical xenograft models of diverse RAS-addicted cancers.

References

Andreas Buckl, et al. Cancer Res (2021) 81 (13_Supplement): 1273.

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

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