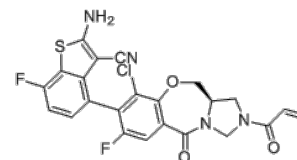


Product Name : LY-3537982
Cat. No. : PC-72313
CAS No. : 2414198-64-2
Molecular Formula : C₂₃H₁₅ClF₂N₄O₃S
Molecular Weight : 500.905
Target : Ras
Solubility : 10 mM in DMSO



Biological Activity

LY-3537982 (LY3537982) is a highly selective and potent KRAS-G12C inhibitor, selectively inhibits growth of **KRAS G12C** mutant cells (IC₅₀=1-60 nM).

LY-3537982 does not inhibit growth of KRAS G12S/G13C/G12D mutant cells and WT KRAS cells (CI₅₀>10 μM).

LY-3537982 displays high selectivity for proteome-wide cysteine residues was evaluated using competitive chemical proteomics (8866 peptides).

LY3537982 inhibits the growth of subcutaneous EL3187 NSCLC PDX tumors in nude mice in a dose dependent manner.

LY3537982 demonstrates robust tumor regression in combination with other agents in KRAS G12C in vivo models.

LY3537982 is a promising KRAS G12C inhibitor predicted to deliver >90% KRAS G12C target occupancy in the clinic.

References

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

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