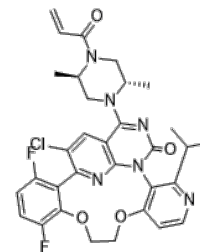


Product Name : MK-1084
Cat. No. : PC-22632
CAS No. : 2641216-67-1
Molecular Formula : C₃₂H₃₁ClF₂N₆O₄
Molecular Weight : 637.08
Target : Ras
Solubility : 10 mM in DMSO



CAS: 2641216-67-1

Biological Activity

Calderasib (MK-1084) is a potent, orally bioavailable and low-dose **KRAS G12C** covalent inhibitor with IC₅₀ of 1.2 nM in in vitro guanine nucleotide exchange assay, and 9 nM in cell-based phospho-ERK1/2 assay with H358 cell line. MK-1084 30 mg/kg QD dosing demonstrated excellent efficacy in patient-derived xenograft models, LU2512 and LU2529.

References

Ma X, et al. *J Med Chem.* 2024 Jun 26. doi: 10.1021/acs.jmedchem.4c00572.

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

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