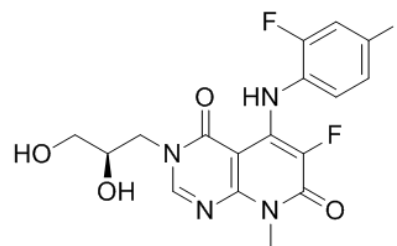


Product Name : TAK-733
Cat. No. : PC-43541
CAS No. : 1035555-63-5
Molecular Formula : C₁₇H₁₅F₂IN₄O₄
Molecular Weight : 504.2267
Target : MEK (MAP2K)
Solubility : DMSO: ≥ 33 mg/mL



Biological Activity

TAK-733 (TAK733, TAK 733) is a potent, selective, allosteric inhibitor of **MEK** with IC₅₀ of 3.2 nM (MEK1).

TAK-733 shows selectivity for MEK1 over a panel of 18 kinases, receptors, and ion channels at 1 μM.

TAK-733 inhibits ERK phosphorylation in vitro with EC₅₀ of 1.9 nM, also inhibits proliferation of A375 and COLO 205 cells with IC₅₀ of 3.1 nM and 2.1 nM, respectively.

TAK-733 demonstrates antitumor activity in multiple mouse xenograft models.

References

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

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