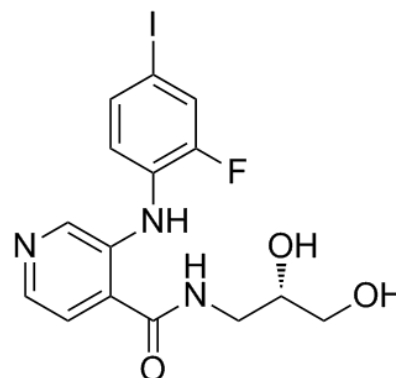


Product Name : AS703026
Cat. No. : PC-42857
CAS No. : 1236699-92-5
Molecular Formula : C₁₅H₁₅FIN₃O₃
Molecular Weight : 431.2008
Target : MEK (MAP2K)
Solubility : 10 mM in DMSO



Biological Activity

AS703026 (Pimasertib;MSC1936369B) is a potent, selective, allosteric, orally bioavailable MEK1/2 inhibitor, inhibits the growth of MM cell lines with IC₅₀ of 0.005-2 μM; has IC₅₀ of 10 nM against INA-6 cells, approximately 10-fold more potent than AZD6244 at inhibiting cytokine-induced osteoclast differentiation in vitro; effectively inhibits the growth of D-MUT cells in vitro and in vivo by specific inhibition of the key MEK downstream target kinase ERK; also enhances gemcitabine efficacy in pancreatic cancer models by reducing ribonucleotide reductase subunit-1 (RRM1).

Skin Cancer

Phase 2 Clinical

References

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Park SJ, et al. Am J Med Sci. 2013 Dec;346(6):494-8.
Vena F, et al. Clin Cancer Res. 2015 Dec 15;21(24):5563-77.

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

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