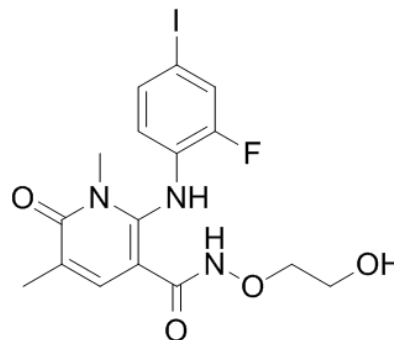


Product Name : AZD8330
Cat. No. : PC-42872
CAS No. : 869357-68-6
Molecular Formula : C₁₆H₁₇FIN₃O₄
Molecular Weight : 461.2267
Target : MEK (MAP2K)
Solubility : 10 mM in DMSO



Biological Activity

AZD8330 (ARRY-424704, ARRY-704) is a potent, selective, non-ATP competitive **MEK1/2** inhibitor with IC₅₀ of 7 nM. AZD8330 displays no inhibitory activity against a panel of >200 other kinases. AZD8330 demonstrates sub-nanomolar potency in mechanistic (pERK) and low to sub-nanomolar potency in functional (proliferation) assays in MEK1/2 inhibitor sensitive cell lines. AZD8330 inhibits ERK phosphorylation and causes tumor growth inhibition in Calu-6 rat xenograft.

References

Cohen RB, et al. *Eur J Cancer*. 2013 May;49(7):1521-9.
Baranski Z, et al. *Genes Cancer*. 2015 Nov;6(11-12):503-12.

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

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