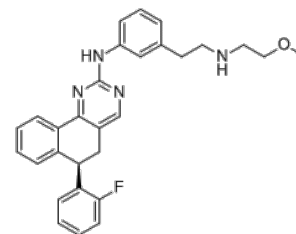


Product Name : Derazantinib
Cat. No. : PC-60038
CAS No. : 1234356-69-4
Molecular Formula : C₂₉H₂₉FN₄O
Molecular Weight : 468.576
Target : FGFR
Solubility : 10 mM in DMSO



Biological Activity

Derazantinib (ARQ-087) is a novel potent, ATP competitive multi-kinase inhibitor with IC₅₀ of **FGFR1/2/3** with IC₅₀ of 1.8-4.5 nM.

Derazantinib (ARQ-087) also inhibits FGFR4, Src, Abl, RET, etc. (IC₅₀<50 nM).

Derazantinib (ARQ-087) inhibits FGFR2 auto-phosphorylation and other proteins downstream in the FGFR pathway (FRS2α, AKT, ERK), shows potent anti-proliferative effect in cell lines driven by FGFR dysregulation.

Derazantinib (ARQ-087) shows tumor growth inhibition in vivo in xenograft tumor models.

References

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

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