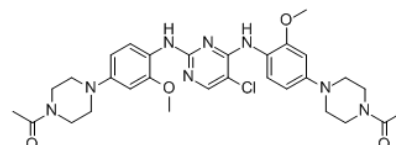


Product Name : KRCA-0008
Cat. No. : PC-42979
CAS No. : 1472795-20-2
Molecular Formula : C₃₀H₃₇ClN₈O₄
Molecular Weight : 609.119
Target : Anaplastic Lymphoma Kinase (ALK)
Solubility : 10 mM in DMSO



Biological Activity

KRCA-0008 is a potent, selective ALK inhibitor with IC₅₀ of 12 nM (wt ALK), also is potent against various ALK mutants, including L1196M, F1174L, R1275Q, and C1156Y (IC₅₀=5-75 nM); weakly inhibits IR (IC₅₀=210 nM), inhibits H3122 and BaF3 EML4-ALK L1196M cell proliferation with IC₅₀ of 80 and 68 nM, respectively; demonstrates in vivo efficacy comparable to Crizotinib in xenograft mice model, has drug-like properties without hERG concerns.

References

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

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