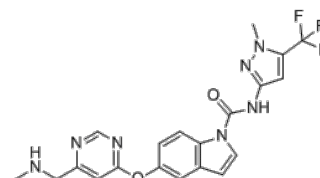


Product Name : Acrizanib
Cat. No. : PC-60029
CAS No. : 1229453-99-9
Molecular Formula : C₂₀H₁₈F₃N₇O₂
Molecular Weight : 445.406
Target : VEGFR
Solubility : 10 mM in DMSO



1. Adams CM, et al. *J Med Chem.* 2018 Feb 5. doi: 10.1021/acs.jmedchem.7b01731.

Biological Activity

Acrizanib (LHA510, LHA-510) is a novel potent, selective **VEGFR-2 (KDR)** inhibitor with IC₅₀ of 17.4 nM in cell-based assays.

Acrizanib (LHA510) exhibits <10% remaining kinase activity against only 13 wildtype kinases, CSF1R, Kit, PDGFRα, PDGFRβ, VEGFR1, VEGFR2, VEGFR3, Fms, DDR1, DDR2, TIE1, and ABL1 in a panel of >400 kinases.

Acrizanib (LHA510) demonstrates potency and efficacy in rodent CNV models, limited systemic exposure after topical ocular administration, multiple formulation options, and an acceptable rabbit ocular PK profile.

References

