MOLNOVA
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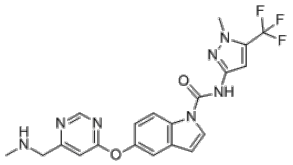
Datasheet (Version 1.0)

Product Name	:	Acrizanib
Synonyms	:	LHA510;LHA 510
Cat No.	:	M10899
CAS Number	:	1229453-99-9
Molecular Formula	:	C20H18F3N7O2
Formula Weight	:	445.41
Chemical Name	:	5-({6-[(methylamino)methyl]pyrimidin-4-yl}oxy)-N-[1-methyl-5-(trifluoromethyl)-1H-pyrazol-3-yl]-1H-indole-1-carboxamide
Description	:	Acrizanib (LHA510, LHA-510) is a novel potent, selective VEGFR-2 (KDR) inhibitor with IC50 of 17.4 nM in cell-based assays; 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; 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.Other Indication Phase 1 Clinical
Pathway	:	Angiogenesis
Target	:	VEGFR
Receptor	:	VEGFR
Solubility	:	10 mM in DMSO
SMILES	:	O=C(N1C=CC2=C1C=CC(OC3=NC=NC(CNC)=C3)=C2)NC4=NN(C)C(C(F)(F)F)=C4
Storage	:	(-20℃)
Stability	:	≥ 2 years
Reference	:	



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