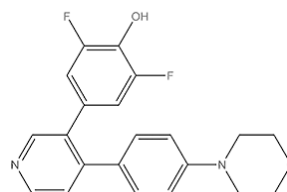


Product Name	: LJI308
Synonyms	: LJI308; LJI-308; LJI 308; NVP-LJI308; NVP-LJI-308
Cat No.	: M17345
CAS Number	: 1627709-94-7
Molecular Formula	: C ₂₁ H ₁₈ F ₂ N ₂ O ₂
Formula Weight	: 368.38
Chemical Name	: 2,6-Difluoro-4-[4-[4-(4-morpholinyl)phenyl]-3-pyridinyl]-phenol
Description	: LJI308 is a RSK inhibitor. LJI308 overcomes chemoresistance by eliminating cancer stem cells. LJI308 targets the CSC population and repress TNBC growth and dissemination. LJI308 specifically targeted transformed cells as it had little effect on the non-tumorigenic parental HMECs. Targeting RSK using specific and potent inhibitors, such as LJI308, delivers the promise of inhibiting the growth of TNBC.
Pathway	: Angiogenesis
Target	: PDE
Receptor	: RSK1;RSK2;RSK3
Solubility	: DMSO : ≥ 32 mg/mL 86.87 mM
SMILES	: <chem>Oc1c(F)cc(cc1F)-c1cnccc1-c1ccc(cc1)N1CCOCC1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1.Aronchik I, Appleton B A, Basham S E, et al. Molecular Cancer Research, 2014, 12(5): 803-812.