

Product Name : VX-11e

Synonyms : VX 11e

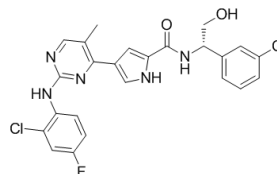
Cat No. : M16451

CAS Number : 896720-20-0

Molecular Formula : C₂₄H₂₀Cl₂FN₅O₂

Formula Weight : 500.35

Chemical Name : 1H-Pyrrole-2-carboxamide, 4-[2-[(2-chloro-4-fluorophenyl)amino]-5-methyl-4-pyrimidinyl]-N-[(1S)-1-(3-chlorophenyl)-2-hydroxyethyl]-



Description : A potent, selective, and orally bioavailable inhibitor of ERK2 with K_i of <2 nM; shows >200-fold selectivity over GSK3, Aurora A, CDK2, FLT3, etc; significantly inhibits CKAP2 overexpression-induced cell proliferation, migration and invasion in SiHa cells.

Pathway : MAPK/ERK Signaling

Target : ERK

Receptor : AuroraA;CDK2;ERK2;FLT3;GSK-3

Solubility : 10 mM in DMSO

SMILES : O=C(C1=CC(C2=NC(NC3=CC=C(F)C=C3Cl)=NC=C2C)=CN1)N[C@@H](C4=CC=CC(Cl)=C4)CO

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Aronov AM, et al. J Med Chem. 2009 Oct 22;52(20):6362-8. | 2. Krepler C, et al. Clin Cancer Res. 2016 Apr 1;22(7):1592-602. | 3. Guo QS, et al. Sci Rep. 2017 May 18;7(1):2117.