
PLX-4720

产品编号: D51335

CAS: 918505-84-7

分子式: C₁₇H₁₄ClF₂N₃O₃S

纯度: ≥98%

InChi: InChi=1S/C₁₇H₁₄ClF₂N₃O₃S/c1-2-5-27(25,26)23-13-4-3-12(19)14(15(13)20)16(24)11-8-22-17-10(11)6-9(18)7-21-17/h3-4,6-8,23H,2,5H₂,1H₃, (H,21,22)

InChi Key: YZDJQTHVDDOVHR-UHFFFAOYSA-N

Smiles: CCCS(=O)(=O)NC1C=CC(F)=C(C(=O)C2=CNC3=NC=C(Cl)C=C23)C=1F

外观: 固体粉末

作用通路: Raf

溶解性: Soluble in DMSO, not in water

保存条件: Store in dry, dark place for one year.

产品介绍: PLX-4720 is a 7-azaindole derivative that inhibits B-Raf(V600E) with an IC₅₀ of 13 nM, defines a class of kinase inhibitor with marked selectivity in both biochemical and cellular assays. PLX-4720 preferentially inhibits the active B-Raf(V600E) kinase compared with a broad spectrum of other kinases, and potent cytotoxic effects are also exclusive to cells bearing the V600E allele.