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## Ulixertinib

产品编号: D51214

CAS: 869886-67-9

分子式: C<sub>21</sub>H<sub>22</sub>Cl<sub>2</sub>N<sub>4</sub>O<sub>2</sub>

纯度: ≥98%

InChi: InChI=1S/C<sub>21</sub>H<sub>22</sub>Cl<sub>2</sub>N<sub>4</sub>O<sub>2</sub>/c1-12(2)26-20-8-16(17(23)10-25-20)14-7-18(24-9-14)21(29)27-19(11-28)13-4-3-5-15(22)6-13/h3-10,12,19,24,28H,11H<sub>2</sub>,1-2H<sub>3</sub>, (H,25,26)(H,27,29)/t19-/m1/s1

InChi Key: KSERXGMCDHOLSS-LJQANCHMSA-N

Smiles: CC(C)NC1C=C(C(Cl)=CN=1)C1=CNC(=C1)C(=O)N[C@H](CO)C1C=CC=C(Cl)C=1

外观: 固体粉末

作用通路: ERK

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: Ulixertinib, also known as BVD-523 and VRT752271, is an inhibitors of ERK protein kinase. Downmodulation of ERK protein kinase activity inhibits VEGF secretion by human myeloma cells and myeloma-induced angiogenesis. Upon oral administration, BVD-523 inhibits both ERK 1 and 2, thereby preventing the activation of ERK-mediated signal transduction pathways. This results in the inhibition of ERK-dependent tumor cell proliferation and survival. The mitogen-activated protein kinase (MAPK)/ERK pathway is often upregulated in a variety of tumor cell types and plays a key role in tumor cell proliferation, differentiation and survival.