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## AZD3759

产品编号: D51104

CAS: 1626387-80-1

分子式: C<sub>22</sub>H<sub>23</sub>ClFN<sub>5</sub>O<sub>3</sub>

纯度: ≥98%

InChi: InChi=1S/C<sub>22</sub>H<sub>23</sub>ClFN<sub>5</sub>O<sub>3</sub>/c1-13-11-28(2)7-8-29(13)22(30)32-19-9-14-17(10-18(19)31-3)25-12-26-21(14)27-16-6-4-5-15(23)20(16)24/h4-6,9-10,12-13H,7-8,11H<sub>2</sub>,1-3H<sub>3</sub>, (H,25,26,27)/t13-/m1/s1

InChi Key: MXDSJQHFFDGFDK-CYBMUJFWSA-N

Smiles: CN1CCN([C@H](C)C1)C(=O)OC1C=C2C(NC3C=CC=C(Cl)C=3F)=NC=NC2=CC=1OC

外观: 固体粉末

作用通路: EGFR

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: AZD3759 is also known as zorifertinib. It is an orally available inhibitor of the epidermal growth factor receptor (EGFR), with potential antineoplastic activity. Upon oral administration, AZD3759 binds to and inhibits the activity of EGFR as well as certain mutant forms of EGFR. This prevents EGFR-mediated signaling, and may lead to both induction of cell death and inhibition of tumor growth in EGFR-overexpressing cells. EGFR, a receptor tyrosine kinase mutated in many tumor cell types, plays a key role in tumor cell proliferation and tumor vascularization.