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## Derazantinib

产品编号: D51646

CAS: 1234356-69-4

分子式: C<sub>29</sub>H<sub>29</sub>N<sub>4</sub>O

纯度: ≥98%

InChi: InChI=1S/C<sub>29</sub>H<sub>29</sub>N<sub>4</sub>O/c1-35-16-15-31-14-13-20-7-6-8-22(17-20)33-29-32-19-21-18-26(24-10-4-5-12-27(24)30)23-9-2-3-11-25(23)28(21)34-29/h2-12,17,19,26,31H,13-16,18H<sub>2</sub>,1H<sub>3</sub>,1H,(H,32,33,34)/t26-/m1/s1

InChi Key: KPJDVCDVBFRMU-AREMUKBSSA-N

Smiles: COCCNCCC1C=C(C=CC=1)NC1N=CC2C[C@H](C3C=CC=CC=3C=2N=1)C1C=CC=CC=1F

外观: 固体粉末

作用通路: FGFR

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: Derazantinib, also known as ARQ-087, is an orally bioavailable inhibitor of the fibroblast growth factor receptor (FGFR) with potential antineoplastic activity. FGFR inhibitor ARQ 087 binds to and potently inhibits the activity of FGFR subtypes 1, 2 and 3. This may result in the inhibition of FGFR-mediated signal transduction pathways, tumor cell proliferation, tumor angiogenesis and tumor cell death in FGFR-overexpressing tumor cells. FGFR, a receptor tyrosine kinase, is upregulated in many tumor cell types and plays a key role in tumor cellular proliferation, differentiation, angiogenesis and survival.