
TraMetinib

产品编号: D51098

CAS: 871700-17-3

分子式: C₂₆H₂₃FIN₅O₄

纯度: ≥98%

InChi: InChI=1S/C₂₆H₂₃FIN₅O₄/c1-13-22-21(23(31(3)24(13)35)30-20-10-7-15(28)11-19(20)27)25(36)33(17-8-9-17)26(37)32(22)18-6-4-5-16(12-18)29-14(2)34/h4-7,10-12,17,30H,8-9H₂,1-3H₃,11H,29,34)

InChi Key: LIRYPHYGHXZJBZ-UHFFFAOYSA-N

Smiles: CN1C(NC2C=CC(I)=CC=2F)=C2C(=C(C)C1=O)N(C1C=C(C=CC=1)NC(C)=O)C(=O)N(C1CC1)C2=O

外观: 固体粉末

作用通路: Apoptosis

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: Trametinib, also known as GSK1120212, is a n orally bioavailable inhibitor of mitogen-activated protein kinase kinase (MEK MAPK/ERK kinase) with potential antineoplastic activity. Trametinib specifically binds to and inhibits MEK 1 and 2, resulting in an inhibition of growth factor-mediated cell signaling and cellular proliferation in various cancers. MEK 1 and 2, dual specificity threonine/tyrosine kinases often upregulated in various cancer cell types, play a key role in the activation of the RAS/RAF/MEK/ERK signaling pathway that regulates cell growth. On May 29, 2013, FDA approved T rametinib.