
Dabrafenib

产品编号: D51290

CAS: 1195765-45-7

分子式: C₂₃H₂₀F₃N₅O₂S₂

纯度: ≥98%

InChi: InChI=1S/C₂₃H₂₀F₃N₅O₂S₂/c1-23(2,3)21-30-18(19(34-21)16-10-11-28-22(27)29-16)12-6-4-9-15(17(12)26)31-35(32,33)20-13(24)7-5-8-14(20)25/h4-11,31H,1-3H₃, (H₂,27,28,29)

InChi Key: BFSMGDJOXZAERB-UHFFFAOYSA-N

Smiles: CC(C)(C)C1=NC(=C(S1)C1C=CN=C(N)N=1)C1=CC=CC(NS(=O)(=O)C2C(F)=CC=CC=2F)=C1F

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: Dabrafenib, also known as GSK2118436, is an orally bioavailable inhibitor of B-raf (BRAF) protein with potential antineoplastic activity. Dabrafenib selectively binds to and inhibits the activity of B-raf, which may inhibit the proliferation of tumor cells which contain a mutated BRAF gene. B-raf belongs to the the raf/mil family of serine/threonine protein kinases and plays a role in regulating the MAP kinase/ERKs signaling pathway, which may be constitutively activated due to BRAF gene mutations. On May 29, 2013, FDA approved this drug.