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Dabrafenib Mesylate

产品编号: D51289

CAS: 1195768-06-9

分子式: C24H24F3N5O5S3

纯度: ≥98%

InChi: InChI=1S/C23H20F3N5O2S2.CH4O3S/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;1-5(2,3)4/h4-11,31H,1-3H3,(H2,27,28,29);1H3,(H,2,3,4)

InChi Key: YKGMKSIHIVVYKY-UHFFFAOYSA-N

Smiles: CS(O)(=O)=O.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

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.