

ASP4132 tosylate

产品编号: D51667

CAS: 1640294-30-9

分子式: C₄₆H₅₁F₃N₆O₈S₂

纯度: ≥98%

InChi: InChI=1S/C32H35F3N6O2.2C7H8O3S/c1-43-29-9-4-23(19-36-29)21-39-12-10-24(11-13-39)25-5-8-27-28(18-25)38-30(37-27)31(42)41-16-14-40(15-17-41)20-22-2-6-26(7-3-22)32(33,34)35;2*1-6-2-4-7(5-3-6)11(8,9)10/h2-9,18-19,24H,10-17,20-21H2,1H3,(H,37,38);2*2-5H,1H3,(H,8,9,10)

InChi Key: KDMGCEXVMOJAAC-UHFFFAOYSA-N

Smiles: COC1=CC=C(CN2CCC(CC2)C2=CC3NC(=NC=3C=C2)C(=O)N2CCN(CC3C=CC(=CC=3)C(F)(F)F)CC2)C=N1.CC1C=CC(=CC=1)S(O)(=O)=O.CC1C=CC(=CC=1)S(O)(=O)=O

外观: 固体粉末

作用通路: AMPK

溶解性: Soluble in DMSO

保存条件: Store in dry, dark place for one year.

产品介绍: ASP4132 is a molecule with potential antineoplastic activity. Upon oral administration, ASP4132 affects oxidative phosphorylation in mitochondria of metabolically-active tumor cells, which reduces both energy production and tumor cell proliferation. Mitochondrial oxidative phosphorylation is hyperactivated in tumor cells and plays a key role in the promotion of tumor cell proliferation.