
BP-1-102

产品编号: D61020

CAS: 1334493-07-0

分子式: C₂₉H₂₇F₅N₂O₆S

纯度: 97%

InChi Key: InChIKey=WNVSFFVDMUSXSX-UHFFFAOYSA-N

Smiles: O=C(O)C1=CC=C(C=C1O)N(C(=O)CN(C)S(=O)(=O)C=2C(F)=C(F)C(F)=C(F)C2F)CC3=CC=C(C=C3)C4CCCCC4

外观: 固体粉末

作用通路: JAK/STAT signaling

作用靶点: STAT

溶解性: Soluble in DMSO

保存条件: -20°C

产品介绍: BP-1-102 is an orally active, effective and specific STAT3 inhibitor. BP-1-102 binds Stat3 (K_d: 504 nM), then blocks Stat3-phosphotyrosine (pTyr) peptide interactions and Stat3 activation (4-6.8 μM), and selectively inhibits migration, survival, growth, and invasion of Stat3-dependent tumor cells. The BP-1-102-mediated inhibition of aberrantly active Stat3 in tumor cells suppresses the expression of c-Myc, Bcl-xL, Cyclin D1, Survivin, and VEGF.