
WZB117

产品编号: D51254

CAS: 1223397-11-2

分子式: C₂₀H₁₃FO₆

纯度: ≥98%

InChi: InChi=1S/C20H13FO6/c21-16-8-3-9-17(26-19(24)12-4-1-6-14(22)10-12)18(16)27-20(25)13-5-2-7-15(23)11-13/h1-11,22-23H

InChi Key: FRSWCCBXIHFKKY-UHFFFAOYSA-N

Smiles: OC1C=C(C=CC=1)C(=O)OC1C(F)=CC=CC=1OC(=O)C1=CC(O)=CC=C1

外观: 固体粉末

作用通路: GLUT

溶解性: Soluble in DMSO

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

产品介绍: WZB117 is a potent Glut1 inhibitor. Inhibition of Glut1 by WZB117 sensitizes radioresistant breast cancer cells to irradiation. Blockade of GLUT1 by WZB117 resensitizes breast cancer cells to adriamycin. WZB117 is a prototype for further development of anticancer therapeutics targeting Glut1-mediated glucose transport and glucose metabolism.