
RSL-3

产品编号: D51128

CAS: 1219810-16-8

分子式: C₂₃H₂₁ClN₂O₅

纯度: ≥98%

InChi: InChI=1S/C₂₃H₂₁ClN₂O₅/c1-30-22(28)14-9-7-13(8-10-14)21-20-16(15-5-3-4-6-17(15)25-20)11-18(23(29)31-2)26(21)19(27)12-24/h3-10,18,21,25H,11-12H₂,1-2H₃/t18-,21+/m1/s1

InChi Key: TXJZRSRTYPUYRW-NQIIRXRSSA-N

Smiles: COC(=O)[C@H]1CC2=C(NC3=CC=CC=C32)[C@H](C2C=CC(=CC=2)C(=O)OC)N1C(=O)CCl

外观: 固体粉末

作用通路: Ferroptosis

溶解性: Soluble in DMSO

保存条件: Store at -20°C.

产品介绍: RSL-3 is an inhibitor of glutathione peroxidase 4 (GPX4) (ferroptosis activator), reduces the expression of GPX4 protein, and induces ferroptotic death of head and neck cancer cell. RSL-3 increases the expression of p62 and Nrf2 and inactivates Keap1 in HN3-rslR cells.