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## ROS-generating agent 1

产品编号: D52215

CAS: 2369030-41-9

分子式: C<sub>21</sub>H<sub>15</sub>F<sub>6</sub>NO

纯度: 98%

InChi Key: InChIKey=TYFLQYACVDKVSJ-BGPOSVGRSA-N

Smiles: C(=C\1/C(=O)\C(=C\C2=CC(C(F)(F)F)=CC=C2)\CNC1)\C3=CC(C(F)(F)F)=CC=C3

外观: 固体粉末

作用通路: Tyrosine Kinase/Adaptors;Apoptosis

作用靶点: ROS Kinase;Apoptosis;Ferroptosis

溶解性: DMSO:30 mg/mL (72.93 mM,Need ultrasonic)

保存条件: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

产品介绍: Ros-generating agent 1 has anticancer activity and generates ROS by covalently modifying Sec-498 residues of TrxR. ROS-generating agent 1 reduces intracellular TrxR protein levels and promotes ROS-dependent apoptosis and ferroptosis in NCI-H460 cells.