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## PYZD-4409

产品编号: D50875

CAS: 423148-78-1

分子式: C<sub>14</sub>H<sub>7</sub>ClFN<sub>3</sub>O<sub>5</sub>

纯度: ≥98%

InChi: InChi=1S/C<sub>14</sub>H<sub>7</sub>ClFN<sub>3</sub>O<sub>5</sub>/c15-10-5-7(1-3-11(10)16)18-14(21)9(13(20)17-18)6-8-2-4-12(24-8)19(22)23/h1-6H,(H,17,20)/b9-6+

InChi Key: MSYMKEYWUWVZQY-RMKNXTCFSA-N

Smiles: [O-][N+](=O)C1=CC=C(C=C2C(=O)NN(C3=CC(Cl)=C(F)C=C3)C2=O)O1

外观: 固体粉末

作用通路: E1/E2/E3 Enzyme

溶解性: DMSO up to 100 mM

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

产品介绍: PYZD-4409 is a novel potent, selective and cell permeable inhibitor of ubiquitin-activating enzyme (E1). It induces cell death in hematologic malignant cell lines and primary patient samples preferentially over normal hematopoietic cells. PYZD-4409 blocks degradation of the short-lived proteins p53 and cyclin D3. It inhibits NF-κB activation and induces cell death associated with ER stress. It also displays antitumor effects in a mouse model of leukemia by intraperitoneal administration of the drug.