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## SKP2-C25

产品编号: D50806

CAS: 222716-34-9

分子式:  $C_{24}H_{24}N_2O_3S$

纯度:  $\geq 98\%$

InChi: InChI=1S/C24H24N2O3S/c1-2-15-12-16-22(28)18(24-25-19-8-4-5-9-20(19)30-24)14-29-23(16)17(21(15)27)13-26-10-6-3-7-11-26/h4-5,8-9,12,14,27H,2-3,6-7,10-11,13H2,1H3

InChi Key: JKIXLEKBXHMXTN-UHFFFAOYSA-N

Smiles: CCC1C=C2C(=O)C(=COC2=C(CN2CCCC2)C=1O)C1=NC2C=CC=CC=2S1

外观: 固体粉末

作用通路: Apoptosis

溶解性: DMSO up to 50 mM

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

产品介绍: SKP2-C25 is a potent, selective and cell permeable Skp2 inhibitor. It selectively inhibits Skp2 E3 ligase activity, but not activity of other SCF complexes. It also phenocopies the effects observed upon genetic Skp2 deficiency, such as suppressing survival and Akt-mediated glycolysis and triggering p53-independent cellular senescence. SKP2-C25 exhibits potent antitumor activities in multiple animal models and cooperates with chemotherapeutic agents to reduce cancer cell survival. It is a useful chemical probe to target Skp2, which is a promising target for restricting cancer stem cell and cancer progression.

SZL P1-41 是一种特异的 Skp2 抑制剂, 结合在 Skp2 的 F-box 域以防止与 Skp1 关联和 Skp2 SCF 复合物形成。与 Skp2 缺乏一样, SZL P1-41 增加 p27 介导的凋亡/衰老, 同时损害 Akt 驱动的糖酵解。具有抗肿瘤活性。