
SKPin C1

产品编号: D50807

CAS: 432001-69-9

分子式: C₁₈H₁₃BrN₂O₄S₂

纯度: ≥98%

InChi: InChI=1S/C₁₈H₁₃BrN₂O₄S₂/c19-13-3-4-14(25-10-16(22)23)12(6-13)7-15-17(24)21(18(26)27-15)9-11-2-1-5-20-8-11/h1-8H,9-10H₂, (H,22,23)/b15-7-

InChi Key: IYCJJVWXEHZJHE-CHHVJCJISA-N

Smiles: OC(=O)COC1C=CC(Br)=CC=1/C=C1\SC(=S)N(CC2C=NC=CC=2)C\1=O

外观: 固体粉末

作用通路: E1/E2/E3 Enzyme

溶解性: DMSO up to 10 mM

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

产品介绍: SKPin C1 is a potent and selective inhibitor of Skp2-mediated p27 degradation. It selectively inhibited Skp2-mediated p27 degradation by reducing p27 binding through key compound-receptor contacts. In cancer cells, the compounds induced p27 accumulation in a Skp2-dependent manner and promoted cell-type-specific blocks in the G1 or G2/M phases. SKPin C1 is a useful chemical probe selectively targeting SCF-Skp2 protein-protein interface, may provide a new avenue of cancer treatment with enhanced specificity over Bortezomib.