
NSC697923

产品编号: D50866

CAS: 343351-67-7

分子式: C₁₁H₉NO₅S

纯度: ≥98%

InChi: InChi=1S/C₁₁H₉NO₅S/c1-8-2-4-9(5-3-8)18(15,16)11-7-6-10(17-11)12(13)14/h2-7H,1H3

InChi Key: GAUHIPWCDXOLCZ-UHFFFAOYSA-N

Smiles: CC1C=CC(=CC=1)S(=O)(=O)C1=CC=C(O1)[N+](=[O-])=O

外观: 固体粉末

作用通路: Apoptosis

溶解性: DMSO up to 100 mM

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

产品介绍: NSC697923 is a cell permeable, potent and selective inhibitor of the Ub-conjugating enzyme (E2) complex Ubc13-Uev1A. It selectively inhibits PMA-induced NF-κB activation, and also inhibits IκBα phosphorylation by both RANKL and LPS. It impedes the formation of the Ubc13 and ubiquitin thioester conjugate and suppresses constitutive NF-κB activity in ABC-DLBCL cells. It inhibits the proliferation and survival of ABC-DLBCL cells and GCB-DLBCL cells, suggesting the Ubc13-Uev1A may be crucial for DLBCL growth. In neuroblastoma (NB) cell lines, NSC697923 shows cytotoxic effect, and inhibits both anchorage-dependent and -independent colony formation. It also shows in vivo antitumor efficacy in NB orthotopic xenografts.