
17-AAG

产品编号: D60222

CAS: 75747-14-7

分子式: C₃₁H₄₃N₃O₈

纯度: 98%

InChi Key: InChIKey=AYUNIORJHRXIBJ-HTLBVUBBSA-N

Smiles: CO[C@H]1C[C@H](C)CC2=C(NCC=C)C(=O)C=C(NC(=O)\C(C)=C\C=C/[C@H](OC)[C@@H](OC(N)=O)\C(C)=C\[C@H](C)[C@H]1O)C2=O

外观: 固体粉末

作用通路: Apoptosis

作用靶点: HSP90; Autophagy; Mitophagy; Apoptosis; HSP; Antibacterial; Antibiotic

溶解性: Soluble in DMSO

保存条件: -20°C

产品介绍: Tanespimycin (17-AAG) is a potent HSP90 inhibitor with an IC₅₀ of 5 nM, having a 100-fold higher binding affinity for tumour cell derived HSP90 than normal cell derived HSP90. Tanespimycin depletes cellular STK38/NDR1 and reduces STK38 kinase activity. Tanespimycin also downregulates the stk38 gene expression