
Batimastat

产品编号: D51583

CAS: 130370-60-4

分子式: C₂₃H₃₁N₃O₄S₂

纯度: ≥98%

InChi: InChI=1S/C₂₃H₃₁N₃O₄S₂/c1-15(2)12-17(18(22(28)26-30)14-32-20-10-7-11-31-20)21(27)25-19(23(29)24-3)13-16-8-5-4-6-9-16/h4-11,15,17-19,30H,12-14H₂,1-3H₃, (H,24,29)(H,25,27)(H,26,28)/t17-,18+,19+/m1/s1

InChi Key: XFILPEOLDIKJHX-QYZOEREBSA-N

Smiles: CC(C)C[C@H]([C@H](CSC1=CC=CS1)C(=O)NO)C(=O)N[C@@H](CC1C=CC=CC=1)C(=O)NC

外观: 固体粉末

作用通路: MMP

溶解性: Soluble in DMSO, not in water

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

产品介绍: Batimastat (also known as BB-94) is a synthetic matrix metalloproteinase inhibitor that has shown antineoplastic and antiangiogenic activity in various tumor models. Matrix metalloproteinases (MMPs) are thought to play a significant role in tumor invasion and metastasis as well as angiogenesis. Batimastat, also known as BB-94, acts as an inhibitor of metalloproteinase activity by binding the zinc ion in the active site of MMPs.