
SC-514

产品编号: D51287

CAS: 354812-17-2

分子式: C₉H₈N₂O₂S₂

纯度: ≥98%

InChi: InChi=1S/C₉H₈N₂O₂S₂/c10-6-3-7(5-1-2-13-4-5)14-8(6)9(11)12/h1-4H,10H₂,11,12

InChi Key: BMUACLADCKCNKZ-UHFFFAOYSA-N

Smiles: NC1C=C(SC=1C(N)=O)C1C=CSC=1

外观: 固体粉末

作用通路: IKK

溶解性: Soluble in DMSO

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

产品介绍: SC-514 is a selective and reversible inhibitor of IκB kinase 2 (IKK2) that may target osteoclastogenesis. SC-514 dose-dependently inhibits RANKL-induced osteoclastogenesis and induced apoptosis and caspase 3 activation in RAW264.7 cells. Targeting IKKβ by SC-514 may be a potential treatment for osteoclast-related disorders such as osteoporosis and cancer-induced bone loss.