
KI-20227

产品编号: D51164

CAS: 623142-96-1

分子式: C₂₄H₂₄N₄O₅S

纯度: ≥98%

InChi: InChi=1S/C₂₄H₂₄N₄O₅S/c1-14(23-26-9-10-34-23)27-24(29)28-17-6-5-15(11-20(17)30-2)33-19-7-8-25-18-13-22(32-4)21(31-3)12-16(18)19/h5-14H,1-4H₃, (H₂,27,28,29)

InChi Key: SHPFDGWALWEPGS-UHFFFAOYSA-N

Smiles: COC1C=C2C(=CC=1OC)N=CC=C2OC1=CC(OC)=C(C=C1)NC(=O)NC(C)C1=NC=CS1

外观: 固体粉末

作用通路: c-Fms

溶解性: DMSO: 96 mg/mL(199.77 mM).

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

产品介绍: KI-20227 is a potent and orally active inhibitor of c-Fms tyrosine kinase (M-CSFR, CSF1R) (IC₅₀ values are 2, 12, 217 and 451 nM for c-Fms, VEGFR-2, PDGFRβ and c-Kit respectively). KI-20227 suppresses osteoclast differentiation and osteolytic bone destruction in a bone metastasis model. KI-20227 inhibits disease progression in a collagen-induced arthritis mouse model. KI-20227 suppresses experimental autoimmune encephalomyelitis.