
BAY 60-6583

产品编号: D58621

CAS: 910487-58-0

分子式: C₁₉H₁₇N₅O₂S

纯度: 99.1%

InChi Key: InChiKey=ZTYHZMAZUWOXNC-UHFFFAOYSA-N

Smiles: N#CC1=C(N=C(N)C(C#N)=C1C=2C=CC(OCC3CC3)=CC2)SCC(=O)N

外观: 固体粉末

作用通路: GPCR/G Protein;Neuroscience

作用靶点: Adenosine Receptor

溶解性: DMSO : 90.0 mg/mL (237.2 mM; Need ultrasonic)

保存条件: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

产品介绍: BAY 60-6583 is a potent, high-affinity adenosine A2B receptor agonist (EC₅₀ = 3 nM) with affinity for A2B receptors that exceeds that for A1, A2A, and A3 receptors. BAY 60-6583 is cardioprotective in a model of myocardial ischemia. The K_i values for BAY 60-6583 binding to mouse, rabbit, and dog A2BAR were 750 nM, 340 nM, and 330 nM, respectively. The K_i values of BAY 60-6583 binding to A2BAR in mice, rabbits and dogs were 750 nM, 340 nM and 330 nM respectively.