
N6-Cyclopentyladenosine

产品编号: D52651

CAS: 41552-82-3

分子式: C₁₅H₂₁N₅O₄

纯度: 99.84%

InChi Key: InChIKey=SQMWSBKSHWARHU-SDBHATRESA-N

Smiles: O[C@H]1[C@H](N2C=3C(N=C2)=C(NC4CCCC4)N=CN3)O[C@H](CO)[C@H]1O

外观: 固体粉末

作用通路: GPCR/G Protein;Neuroscience

作用靶点: Adenosine Receptor

溶解性: H₂O:2 mg/mL (5.96 mM,Need ultrasonic); DMSO:10 mg/mL (29.82 mM,Need ultrasonic)

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

产品介绍: N6-Cyclopentyladenosine (CPA) is a selective agonist of the adenosine A1 receptor and can be used to mimic the action of the adenosine A1 receptor, with K_i's of 2.3 nM, 790 nM, and 43 nM for human A1, A2A, and A3 receptors, respectively. N6-Cyclopentyladenosine (CPA) can be used to modulate cellular signaling and neurotransmission and other biological processes. Cyclopentyladenosine (CPA) is used to regulate cell signaling, neurotransmitter release and other biological processes.