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## 5'-Amino-5'-deoxyadenosine

产品编号: D58324

CAS: 14365-44-7

分子式: C<sub>10</sub>H<sub>14</sub>N<sub>6</sub>O<sub>3</sub>

纯度: 98%

InChi Key: InChiKey=GVSGUDGNTHCZHI-KQYNXXCUSA-N

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

外观: 固体粉末

作用通路: GPCR/G Protein;Neuroscience;DNA Damage/DNA Repair;Apoptosis

作用靶点: Adenosine Receptor;DNA Damage/DNA Repair;Apoptosis

溶解性: DMSO: 50 mg/mL (187.79 mM, Need ultrasonic)

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

产品介绍: 5'-Amino-5'-deoxyadenosine (NH<sub>2</sub>dAdo) is an adenosine kinase inhibitor targeting malignant tumors of the inert lymphatic system with antitumor and anticancer effects. The anticancer mechanism of 5'-Amino-5'-deoxyadenosine is mediated by inhibition of DNA synthesis, induction of apoptosis, and other mechanisms. The anti-cancer mechanism of 5'-Amino-5'-deoxyadenosine is realized by inhibiting DNA synthesis and inducing apoptosis.