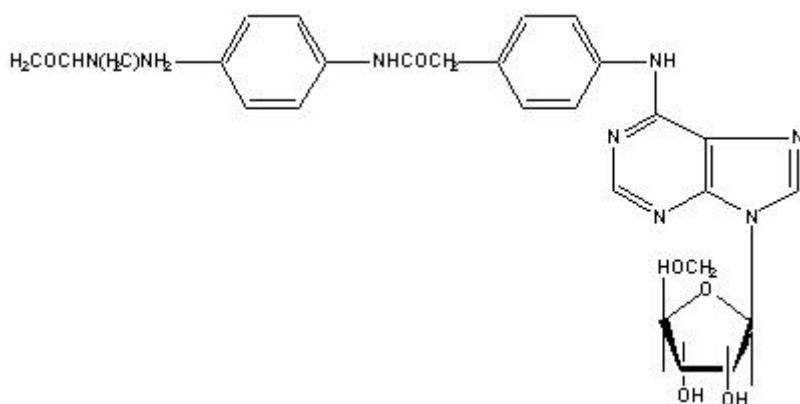


TECHNICAL INFORMATION

Catalog Number: 153654
Adenosine amine congener

Structure:



Molecular Formula: C₂₈H₃₂N₈O₆

Molecular Weight: 576.65 (anhyd)

CAS # : 96760-69-9

Synonym: ADAC; n6-[4-[[[4-[[[(2-aminoethyl)amino]carbonyl]methyl]-anilino]carbonyl]methyl]phenyl] adenosine

Physical Description: White photosensitive solid

Description: Potent aqueous-soluble A₁ adenosine receptor agonist

Solubility: Soluble in DMSO or 0.1 M acetic acid (12 nM)

References:

- Jacobson, K.A., Ukena, D., Kirk, K.L., Daly, J.W. "(Molecular probes for extracellular adenosine receptors.", *Biochem Pharmacol.*, **36**, 1697-1707 (1987)
- Jacobson, Yamada, Kirk, Daly, Olsson *Biochem. Biophys. Res. Comm.*, **136**, 1097 (1986)
- Jacobson, K.A., Zimet, J., Schulick, R., Barone, S., Daly, J.W., "Adenosine analogs with covalently attached lipids have enhanced potency at A₁-adenosine receptors." *FEBS Lett.*, **225**, 97-102 (1987)