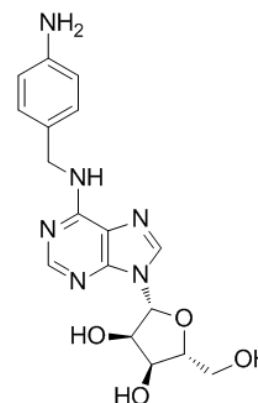


Product Name : eN-IN-1
Cat. No. : PC-42064
CAS No. : 95523-13-0
Molecular Formula : C₁₇H₂₀N₆O₄
Molecular Weight : 372.3785
Target : Adenosine Receptor
Solubility : 10 mM in DMSO



Biological Activity

eN-IN-1 (N-[(4-Aminophenyl)methyl]adenosine) is an α,β -Methylene-ADP (AOPCP) derivative, potent, selective **ecto-5'-Nucleotidase** (eN, **CD73**) inhibitor with K_i of 29 nM for rat recombinant eN.

eN-IN-1 also exhibits dual-action properties toward both **A2AR** and equilibrative nucleoside transporter 1 (**ENT1**) with K_i of 27.7 μ M and 6.51 nM.

References

Bhattarai S, et al. *J Med Chem*. 2015 Aug 13;58(15):6248-63.

Chen JB, et al. *ChemMedChem*. 2011 Aug 1;6(8):1390-400.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com