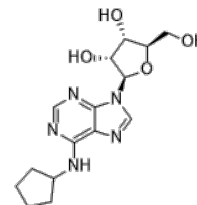


Product Name : N6-cyclopentyladenosine
Cat. No. : PC-27870
CAS No. : 41552-82-3
Molecular Formula : C₁₅H₂₁N₅O₄
Molecular Weight : 335.36
Target : Adenosine Receptor
Solubility : 10 mM in DMSO



Biological Activity

N6-Cyclopentyladenosine (CPA) is a high affinity, selective adenosine A1 receptor (A1R) agonist with K_i of 2.3 nM, 790 nM and 43 nM for human A1, A2A and A3 receptors, respectively.

References

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Pospíšil M, et al. Eur J Pharmacol. 2005 Jan 10;507(1-3):1-6.

Mathôt RA, et al. J Pharmacol Exp Ther. 1994 Feb;268(2):616-24.

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

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