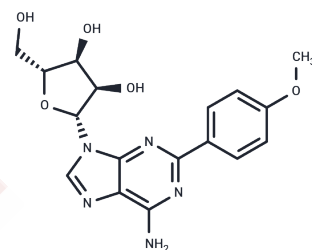


CV-1674

Chemical Properties

CAS No. : 37151-17-0
 Formula: C₁₇H₁₉N₅O₅
 Molecular Weight: 373.36
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

Description	CV-1674 induced selective coronary vasodilation and had little effect on cardiac hemodynamics.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6784 mL	13.3919 mL	26.7838 mL
5 mM	0.5357 mL	2.6784 mL	5.3568 mL
10 mM	0.2678 mL	1.3392 mL	2.6784 mL
50 mM	0.0536 mL	0.2678 mL	0.5357 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

- Hirata M, Kawazoe K, Tanabe M, Kikuchi K. Effects of a 2-substituted adenosine derivative, 2-(p-methoxyphenyl)-adenosine (CV-1674) on coronary and cardiohemodynamics, and myocardial energetics. *Jpn J Pharmacol.* 1977 Oct;27(5):689-700. PubMed PMID: 592558.
- Singh YN, Dryden WF, Chen H. The inhibitory effects of some adenosine analogues on transmitter release at the mammalian neuromuscular junction. *Can J Physiol Pharmacol.* 1986 Nov;64(11):1446-50. PubMed PMID: 3024786.
- Paton DM. Presynaptic inhibition of neurotransmission in rat vas deferens by 2-(p-methoxyphenyl) adenosine, ethyl adenosine-5'-carboxylate and N-cyclopropyl adenosine-5'-carboxamide. *J Pharm Pharmacol.* 1980 Feb;32(2):133-5. PubMed PMID: 6103035.
- van der Ploeg I, Ahlberg S, Parkinson FE, Olsson RA, Fredholm BB. Functional characterization of adenosine A2 receptors in Jurkat cells and PC12 cells using adenosine receptor agonists. *Naunyn Schmiedeberg Arch Pharmacol.* 1996 Feb;353(3):250-60. PubMed PMID: 8692279.

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