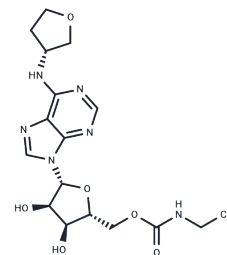


CVT-2759

Chemical Properties

CAS No. : 342419-10-7
 Formula: C₁₇H₂₄N₆O₆
 Molecular Weight: 408.41
 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	CVT-2759 is A potential partial agonist for A(1)-ADORs, and it may be useful to slow atrioventricular node conduction to reduce ventricular rate without causing the atrioventricular block, bradycardia, atrial arrhythmias, or vasodilation.
Targets(IC50)	Others,Adenosine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4485 mL	12.2426 mL	24.4852 mL
5 mM	0.4897 mL	2.4485 mL	4.897 mL
10 mM	0.2449 mL	1.2243 mL	2.4485 mL
50 mM	0.049 mL	0.2449 mL	0.4897 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

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- Hayes ES. Adenosine receptors and cardiovascular disease: the adenosine-1 receptor (A1) and A1 selective ligands. *Cardiovasc Toxicol.* 2003;3(1):71-88. Review. PubMed PMID: 12668891.
- Song Y, Wu L, Shryock JC, Belardinelli L. Selective attenuation of isoproterenol-stimulated arrhythmic activity by a partial agonist of adenosine A1 receptor. *Circulation.* 2002 Jan 1;105(1):118-23. PubMed PMID: 11772886.
- Wu L, Belardinelli L, Zablocki JA, Palle V, Shryock JC. A partial agonist of the A(1)-adenosine receptor selectively slows AV conduction in guinea pig hearts. *Am J Physiol Heart Circ Physiol.* 2001 Jan;280(1):H334-43. PubMed PMID: 11123249.

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