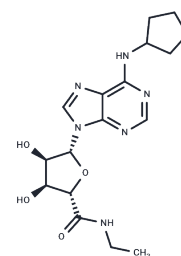


Selodenoson

Chemical Properties

CAS No. :	110299-05-3
Formula:	C ₁₇ H ₂₄ N ₆ O ₄
Molecular Weight:	376.41
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Selodenoson (RG-14202) is a selective adenosine A ₁ receptor agonist used to slow the heart rate in patients with atrial fibrillation and to treat arrhythmias.
Targets(IC ₅₀)	Adenosine Receptor
In vivo	Selodenoson (2, 4, 6, 8, 10, and 12 µg/kg; i.v.) provided for effective ventricular rate control in a dose-dependent manner with minimal side effects.[1]

Solubility Information

Solubility	DMSO: 50 mg/mL (132.83 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6567 mL	13.2834 mL	26.5668 mL
5 mM	0.5313 mL	2.6567 mL	5.3134 mL
10 mM	0.2657 mL	1.3283 mL	2.6567 mL
50 mM	0.0531 mL	0.2657 mL	0.5313 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.

Reference

- Rizzolio F, et al. Adenosine receptor ligands in clinical trials. *Curr Top Med Chem*. 2010;10(10):1036-1045.
Naccarelli GV, et al. New antiarrhythmic treatment of atrial fibrillation. *Expert Rev Cardiovasc Ther*. 2007 Jul;5(4):

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