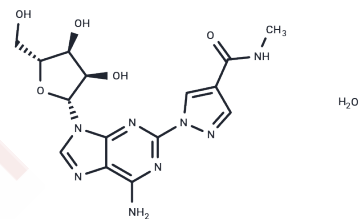


Regadenoson hydrate

Chemical Properties

CAS No. : 875148-45-1
 Formula: C₁₅H₂₀N₈O₆
 Molecular Weight: 408.37
 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	Regadenoson is an A _{2A} adenosine receptor agonist, a coronary vasodilator commonly used in pharmacologic stress testing.
Targets(IC ₅₀)	Others, Adenosine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4488 mL	12.2438 mL	24.4876 mL
5 mM	0.4898 mL	2.4488 mL	4.8975 mL
10 mM	0.2449 mL	1.2244 mL	2.4488 mL
50 mM	0.049 mL	0.2449 mL	0.4898 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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- Mahmarijan JJ, Peterson LE, Xu J, Cerqueira MD, Iskandrian AE, Bateman TM, Thomas GS, Nabi F. Regadenoson provides perfusion results comparable to adenosine in heterogeneous patient populations: a quantitative analysis from the ADVANCE MPI trials. *J Nucl Cardiol*. 2015 Apr;22(2):248-61. doi: 10.1007/s12350-014-9981-6. Epub 2014 Oct 7. PubMed PMID: 25287737.
- Brink HL, Dickerson JA, Stephens JA, Pickworth KK. Comparison of the Safety of Adenosine and Regadenoson in Patients Undergoing Outpatient Cardiac Stress Testing. *Pharmacotherapy*. 2015 Dec;35(12):1117-23. doi: 10.1002/phar.1669. PubMed PMID: 26684552.
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