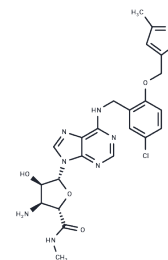


CP-608039

Chemical Properties

CAS No. : 331727-55-0
 Formula: C₂₃H₂₅ClN₈O₅
 Molecular Weight: 528.95
 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	CP-608039 is a selective adenosine A3 receptor agonist for both human A3 and human A1 receptors.
Targets(IC50)	Others, Adenosine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8905 mL	9.4527 mL	18.9054 mL
5 mM	0.3781 mL	1.8905 mL	3.7811 mL
10 mM	0.1891 mL	0.9453 mL	1.8905 mL
50 mM	0.0378 mL	0.1891 mL	0.3781 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

Tracey WR, Magee WP, Oleynek JJ, Hill RJ, Smith AH, Flynn DM, Knight DR. Novel N6-substituted adenosine 5'-N-methyluronamides with high selectivity for human adenosine A3 receptors reduce ischemic myocardial injury. *Am J Physiol Heart Circ Physiol.* 2003 Dec;285(6):H2780-7. Epub 2003 Aug 14. PubMed PMID: 12919933.
 DeNinno MP, Masamune H, Chenard LK, DiRico KJ, Eller C, Etienne JB, Tickner JE, Kennedy SP, Knight DR, Kong J, Oleynek JJ, Tracey WR, Hill RJ. 3'-Aminoadenosine-5'-uronamides: discovery of the first highly selective agonist at the human adenosine A3 receptor. *J Med Chem.* 2003 Jan 30;46(3):353-5. PubMed PMID: 12540233.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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