

Apadenoson TFA

Chemical Properties

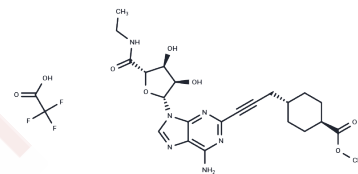
CAS No. :

Formula: C₂₅H₃₁F₃N₆O₈

Molecular Weight: 600.55

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	Apadenoson TFA is a potent adenosine A2A receptor (A2AR) agonist that can be used to improve survival in patients infected with SARS.
Targets(IC50)	Adenosine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6651 mL	8.3257 mL	16.6514 mL
5 mM	0.333 mL	1.6651 mL	3.3303 mL
10 mM	0.1665 mL	0.8326 mL	1.6651 mL
50 mM	0.0333 mL	0.1665 mL	0.333 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

Zoghbi GJ, et al. Selective adenosine agonists and myocardial perfusion imaging. J Nucl Cardiol. 2012 Feb;19(1):126-41.

Müller CE, et al. Recent developments in adenosine receptor ligands and their potential as novel drugs. Biochim Biophys Acta. 2011 May;1808(5):1290-308.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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