

APJ receptor agonist 8

Chemical Properties

CAS No. : 2049973-39-7

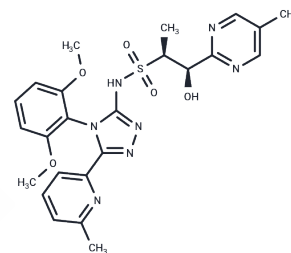
Formula: C₂₄H₂₇N₇O₅S

Molecular Weight: 525.58

Store at low temperature

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	APJ receptor agonist 8 is a small molecule agonist of the APJ receptor, enhancing load-independent cardiac contractility in isolated perfused rat hearts. It mimics the action of the endogenous ligand Apelin and has an EC ₅₀ of 21.5 μM.
Targets(IC50)	Apelin receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9027 mL	9.5133 mL	19.0266 mL
5 mM	0.3805 mL	1.9027 mL	3.8053 mL
10 mM	0.1903 mL	0.9513 mL	1.9027 mL
50 mM	0.0381 mL	0.1903 mL	0.3805 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

Ning Chen, et al. Triazole agonists of the apj receptor. WO2016187308A1. 2016-11-24.

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