

Apelin agonist 1

Chemical Properties

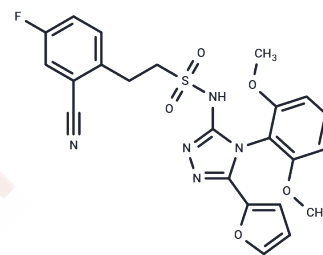
CAS No. : 2227512-85-6

Formula: C₂₃H₂₀FN₅O₅S

Molecular Weight: 497.5

Storage: Store at low temperature, Keep away from moisture
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	Apelin agonist 1 is an orally available APJ receptor agonist with an EC ₅₀ value of 3.2 nM. Apelin agonist 1 is used in the study of cardiovascular disease.
Targets(IC ₅₀)	Apelin receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0101 mL	10.0503 mL	20.1005 mL
5 mM	0.402 mL	2.0101 mL	4.0201 mL
10 mM	0.201 mL	1.005 mL	2.0101 mL
50 mM	0.0402 mL	0.201 mL	0.402 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

Matthew Brown, et al. Triazole furan compounds as agonists of the apj receptor. WO2018097944A1.

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