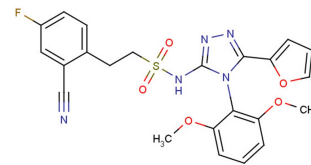


Apelin agonist 1

Chemical Properties

CAS No.:	2227512-85-6
Formula:	C ₂₃ H ₂₀ FN ₅ O ₅ S
Molecular Weight:	497.5
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Apelin agonist 1 is an oral selective apelin agonist AM-2995, an agonist of the APJ (APLNR, angiotensin receptor like-1) receptor. It may be used in the treatment of cardiovascular conditions. Apelin agonist 1 is extracted from patent WO 2018097944 (210.0).
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.01 mL	10.05 mL	20.101 mL
5 mM	0.402 mL	2.01 mL	4.02 mL
10 mM	0.201 mL	1.005 mL	2.01 mL
50 mM	0.04 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. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

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

Inhibitors · Natural Compounds · Compound Libraries

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