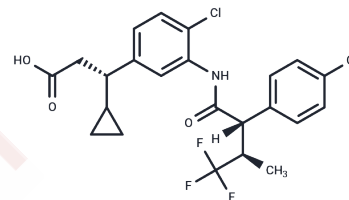


Runcaciguat

Chemical Properties

CAS No. :	1402936-61-1
Formula:	C ₂₃ H ₂₂ Cl ₂ F ₃ NO ₃
Molecular Weight:	488.33
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	Runcaciguat is a soluble guanylate cyclase stimulator. Runcaciguat combines with selective partial adenosine A1 receptor agonists and can be used in studies about cardiovascular and renal diseases.
Targets(IC50)	Guanylate cyclase

Solubility Information

Solubility	DMSO: 120 mg/mL (245.74 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0478 mL	10.239 mL	20.478 mL
5 mM	0.4096 mL	2.0478 mL	4.0956 mL
10 mM	0.2048 mL	1.0239 mL	2.0478 mL
50 mM	0.041 mL	0.2048 mL	0.4096 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

Barbara ALBRECHT-KÜPPER, et al. Selective partial adenosine a1 receptor agonists in combination with soluble guanylyl cyclase (sgc) stimulators and/or activators. WO2018153899A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481