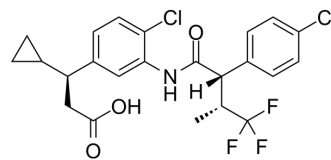


Runcaciguat

Cat. No.:	HY-109136
CAS No.:	1402936-61-1
Molecular Formula:	C ₂₃ H ₂₂ Cl ₂ F ₃ NO ₃
Molecular Weight:	488.33
Target:	Guanylate Cyclase
Pathway:	GPCR/G Protein
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (255.97 mM; Need ultrasonic)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.0478 mL	10.2390 mL	20.4780 mL
	5 mM	0.4096 mL	2.0478 mL	4.0956 mL
	10 mM	0.2048 mL	1.0239 mL	2.0478 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Runcaciguat is an orally active stimulator of soluble guanylate cyclase, and is used in the research of cardiovascular and renal diseases combined with selective partial adenosine A1 receptor agonists^[1].

REFERENCES

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

Caution: Product has not been fully validated for medical applications. For research use only.

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