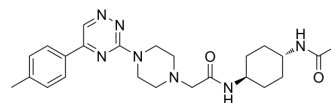


Lorundrostat

Cat. No.:	HY-147277		
CAS No.:	1820940-17-7		
Molecular Formula:	C ₂₄ H ₃₃ N ₇ O ₂		
Molecular Weight:	451.56		
Target:	Mineralocorticoid Receptor		
Pathway:	Metabolic Enzyme/Protease; Vitamin D Related/Nuclear Receptor		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 33.33 mg/mL (73.81 mM; ultrasonic and adjust pH to 2 with HCl)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	2.2145 mL	11.0727 mL	22.1455 mL
		5 mM	0.4429 mL	2.2145 mL	4.4291 mL
		10 mM	0.2215 mL	1.1073 mL	2.2145 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (5.54 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (5.54 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Lorundrostat (MT-4129) is an orally active aldosterone synthase inhibitor. Lorundrostat can be used in studies of high blood pressure ^{[1][2]} .
IC ₅₀ & Target	Aldosterone synthase ^[1]

REFERENCES

[1]. International Nonproprietary Names for Pharmaceutical Substances (INN). WHO Drug Information, Vol. 36, No. 2, 2022.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA