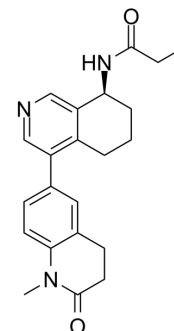


(S)-Baxdrostat

Cat. No.:	HY-132809A		
CAS No.:	1428652-16-7		
Molecular Formula:	C ₂₂ H ₂₅ N ₃ O ₂		
Molecular Weight:	363.45		
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 : 27.5 mg/mL (75.66 mM; ultrasonic and warming and heat to 80°C)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.7514 mL	13.7570 mL	27.5141 mL
	5 mM	0.5503 mL	2.7514 mL	5.5028 mL
	10 mM	0.2751 mL	1.3757 mL	2.7514 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (6.88 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (6.88 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (6.88 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

(S)-Baxdrostat is the S-enantiomer of Baxdrostat. Baxdrostat is an aldosterone synthase inhibitor^[1].

REFERENCES

[1]. International Nonproprietary Names for Pharmaceutical Substances (INN).

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

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