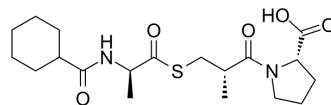


Moveltipril

Cat. No.:	HY-116023		
CAS No.:	85856-54-8		
Molecular Formula:	C ₁₉ H ₃₀ N ₂ O ₅ S		
Molecular Weight:	398.52		
Target:	Angiotensin-converting Enzyme (ACE)		
Pathway:	Metabolic Enzyme/Protease		
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 : 100 mg/mL (250.93 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.5093 mL	12.5464 mL	25.0928 mL
	5 mM	0.5019 mL	2.5093 mL	5.0186 mL
	10 mM	0.2509 mL	1.2546 mL	2.5093 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 (6.27 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (6.27 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (6.27 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Moveltipril (Moveltipril calcium; MC-838) is a potent angiotensin converting enzyme (ACE) inhibitor^[1].

REFERENCES

[1]. A Salvetti, et al. Newer ACE inhibitors. A look at the future.

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