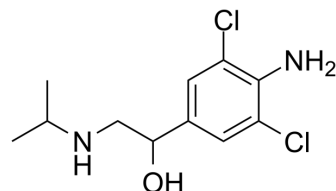


Clenproperol

Cat. No.:	HY-100699		
CAS No.:	38339-11-6		
Molecular Formula:	C ₁₁ H ₁₆ Cl ₂ N ₂ O		
Molecular Weight:	263.16		
Target:	Adrenergic Receptor		
Pathway:	GPCR/G Protein; Neuronal Signaling		
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 (380.00 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	3.8000 mL	18.9998 mL	37.9997 mL
5 mM	0.7600 mL	3.8000 mL	7.5999 mL
10 mM	0.3800 mL	1.9000 mL	3.8000 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 (9.50 mM); Clear solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: 2.5 mg/mL (9.50 mM); Clear solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: 2.5 mg/mL (9.50 mM); Clear solution; Need ultrasonic

BIOLOGICAL ACTIVITY

Description

Clenproperol is a β₂-adrenergic agonist^[1].

REFERENCES

[1]. González-Antuña A, et al. Simultaneous determination of seven β₂-agonists in human and bovine urine by isotope dilution liquid chromatography-tandem mass

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

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