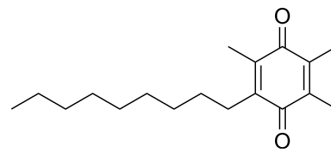


Utreloxastat

Cat. No.:	HY-132845		
CAS No.:	1213269-96-5		
Molecular Formula:	C ₁₈ H ₂₈ O ₂		
Molecular Weight:	276.41		
Target:	α-synuclein		
Pathway:	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 : 50 mg/mL (180.89 mM; ultrasonic and warming and heat to 60°C)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	3.6178 mL	18.0891 mL	36.1781 mL
	5 mM	0.7236 mL	3.6178 mL	7.2356 mL
	10 mM	0.3618 mL	1.8089 mL	3.6178 mL

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

In Vivo

- Add each solvent one by one: corn oil
Solubility: 66.67 mg/mL (241.20 mM); Clear solution; Need ultrasonic and warming and heat to 49.6°C
- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 1.25 mg/mL (4.52 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: 1.25 mg/mL (4.52 mM); Clear solution; Need ultrasonic

BIOLOGICAL ACTIVITY

Description

Utreloxastat (PTC857) is a compound used for the research of the disorders including α-synucleinopathies, tauopathies, Amyotrophic lateral sclerosis (ALS), traumatic brain injury, and ischemic-reperfusion related injuries (patent WO2020081879A2, example A1)^[1].

REFERENCES

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