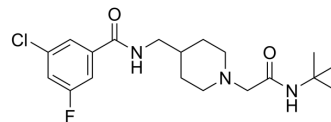


Ulixacaltamide

Cat. No.:	HY-120546
CAS No.:	1199236-64-0
Molecular Formula:	C ₁₉ H ₂₇ ClFN ₃ O ₂
Molecular Weight:	383.89
Target:	Calcium Channel
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (130.25 mM); ultrasonic and warming and heat to 60°C

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.6049 mL	13.0246 mL	26.0491 mL
	5 mM	0.5210 mL	2.6049 mL	5.2098 mL
	10 mM	0.2605 mL	1.3025 mL	2.6049 mL

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

BIOLOGICAL ACTIVITY

Description

Ulixacaltamide (Z944) is an orally active T-type calcium channel antagonist that rescues impairments in crossmodal and visual recognition memory.

IC₅₀ & Target

T-type calcium channel

REFERENCES

[1]. Marks WN, et al. The T-type calcium channel antagonist Z944 rescues impairments in crossmodal and visual recognition memory in Genetic Absence Epilepsy Rats from Strasbourg. *Neurobiol Dis.* 2016 Oct;94:106-15.

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