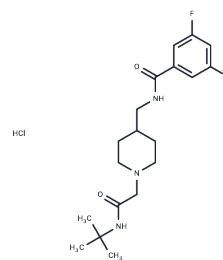


Ulixacaltamide HCl

Chemical Properties

CAS No. :	1797986-84-5
Formula:	C ₁₉ H ₂₈ Cl ₂ FN ₃ O ₂
Molecular Weight:	420.35
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Z944 is a T-type calcium channel antagonist with potential applications in pain management. In both epileptic and non-epileptic rats, Z944 disrupts prepulse inhibition. Additionally, it corrects cross-modal sensory and visual recognition memory deficits in Strasbourg genetic absence epilepsy rats. In a neuropathic pain rat model, Z944 restores cortical synchrony and thalamocortical connectivity. In the amygdala kindling model, it delays seizure progression.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.379 mL	11.8948 mL	23.7897 mL
5 mM	0.4758 mL	2.379 mL	4.7579 mL
10 mM	0.2379 mL	1.1895 mL	2.379 mL
50 mM	0.0476 mL	0.2379 mL	0.4758 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481