Data Sheet (Cat.No.T29067L)



Upacicalcet HCl

Chemical Properties

CAS No.:

Formula: C11H15Cl2N3O6S

Molecular Weight: 388.22

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	Upacicalcet HCl is an intravesical calcium mimetic that inhibits excessive parathyroid hormone (PTH) secretion by directly acting on calcium-sensitive receptors in parathyroid cell membranes, thereby lowering PTH levels in the blood. Upacicalcet HCl can be used for the treatment of blood Upacicalcet HCl is a novel compound for the treatment of secondary hyperparathyroidism, targeting amino acid-binding sites of calcium-sensitive receptors. binding sites.
Targets(IC50)	CaSR

Preparing Stock Solutions

	1mg	5mg	10mg	
1 mM	2.5759 mL	12.8793 mL	25.7586 mL	
5 mM	0.5152 mL	2.5759 mL	5.1517 mL	
10 mM	0.2576 mL	1.2879 mL	2.5759 mL	
50 mM	0.0515 mL	0.2576 mL	0.5152 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.

Reference

Hoy SM. Upacicalcet: First Approval. Drugs. 2021 Sep;81(13):1593-1596.

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