

## Upacicalcet HCl

## Chemical Properties

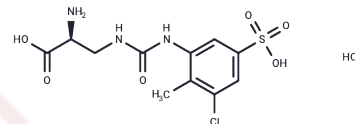
CAS No. :

Formula: C<sub>11</sub>H<sub>15</sub>Cl<sub>2</sub>N<sub>3</sub>O<sub>6</sub>S

Molecular Weight: 388.22

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	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.

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.

## Reference

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

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