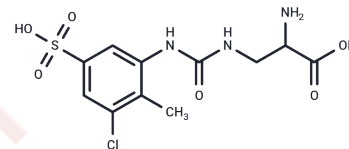


(Rac)-Upacicalcet

Chemical Properties

CAS No. :	2649575-19-7
Formula:	C ₁₁ H ₁₄ ClN ₃ O ₆ S
Molecular Weight:	351.76
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	(Rac)-Upacicalcet is a racemate of Upacicalcet, which serves as an intravenous calcimimetic agent. Upacicalcet acts by directly targeting calcium-sensing receptors on parathyroid cell membranes, effectively suppressing the release of excessive parathyroid hormone (PTH) and reducing blood PTH levels. This compound holds the potential for researching secondary hyperparathyroidism (SHPT) [1].
Targets(IC50)	Others,CaSR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8428 mL	14.2142 mL	28.4285 mL
5 mM	0.5686 mL	2.8428 mL	5.6857 mL
10 mM	0.2843 mL	1.4214 mL	2.8428 mL
50 mM	0.0569 mL	0.2843 mL	0.5686 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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