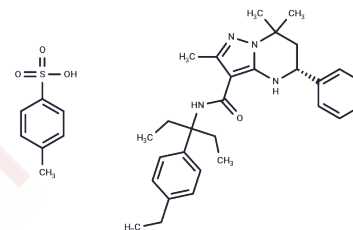


TAK-075

## Chemical Properties

CAS No. : 667931-33-1  
 Formula: C<sub>36</sub>H<sub>46</sub>N<sub>4</sub>O<sub>4</sub>S  
 Molecular Weight: 630.84  
 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	TAK-075 is an orally active CaSR antagonist with an IC <sub>50</sub> value of 0.94 nM. It transiently stimulates parathyroid hormone (PTH) secretion in rats and effectively prevents significant reduction in PTH secretion due to the accumulation of active metabolites, thereby maintaining a normal secretion pattern. TAK-075 is applicable in research related to metabolic diseases and osteoporosis.
Targets(IC <sub>50</sub> )	CaSR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5852 mL	7.9259 mL	15.8519 mL
5 mM	0.317 mL	1.5852 mL	3.1704 mL
10 mM	0.1585 mL	0.7926 mL	1.5852 mL
50 mM	0.0317 mL	0.1585 mL	0.317 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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