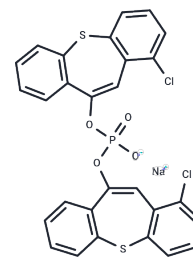


## GPR84 antagonist 2

## Chemical Properties

CAS No. :	2244269-74-5
Formula:	C <sub>28</sub> H <sub>16</sub> Cl <sub>2</sub> NaO <sub>4</sub> P <sub>2</sub> S
Molecular Weight:	605.42
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	GPR84 Antagonist 2, a potent and selective GPR84 antagonist (IC <sub>50</sub> = 8.95 nM), demonstrates oral activity and significantly enhances potency in calcium mobilization assays. It effectively inhibits neutrophil and macrophage chemotaxis following GPR84 activation, highlighting its research potential for ulcerative colitis.
Targets(IC <sub>50</sub> )	Others, GPCR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6517 mL	8.2587 mL	16.5175 mL
5 mM	0.3303 mL	1.6517 mL	3.3035 mL
10 mM	0.1652 mL	0.8259 mL	1.6517 mL
50 mM	0.033 mL	0.1652 mL	0.3303 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