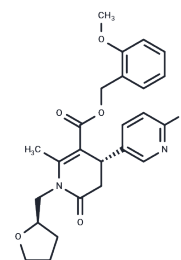


## TGR5 Receptor Agonist 4

## Chemical Properties

CAS No. :	1872436-42-4
Formula:	C <sub>25</sub> H <sub>27</sub> ClN <sub>2</sub> O <sub>5</sub>
Molecular Weight:	470.95
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	TGR5 Receptor Agonist 4, a selective agonist for the Bile Acid Receptor (TGR5), exhibits potent activity with an EC <sub>50</sub> of 2 nM for human TGR5 (hTGR5) and 3 nM for mouse TGR5 (mTGR5). It is notably involved in mediating hypoglycemic and weight loss effects [1].
Targets(IC <sub>50</sub> )	Others, GPCR19

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1234 mL	10.6168 mL	21.2337 mL
5 mM	0.4247 mL	2.1234 mL	4.2467 mL
10 mM	0.2123 mL	1.0617 mL	2.1234 mL
50 mM	0.0425 mL	0.2123 mL	0.4247 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