

## GPR40 agonist 1

## Chemical Properties

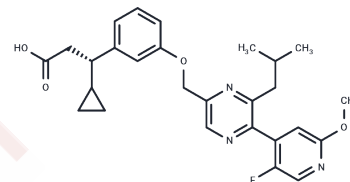
CAS No. : 1853982-41-8

Formula: C<sub>27</sub>H<sub>30</sub>FN<sub>3</sub>O<sub>4</sub>

Molecular Weight: 479.54

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	GPR40 agonist 1 is an effective new GPR40 agonist (EC <sub>50</sub> s: 17 nM and 2 nM for rGPR40 and hGPR40).
Targets(IC <sub>50</sub> )	Others, GPCR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0853 mL	10.4267 mL	20.8533 mL
5 mM	0.4171 mL	2.0853 mL	4.1707 mL
10 mM	0.2085 mL	1.0427 mL	2.0853 mL
50 mM	0.0417 mL	0.2085 mL	0.4171 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

Meegalla SK, et al. Discovery of a novel potent GPR40 full agonist. *Bioorg Med Chem Lett.* 2018 Feb 15;28(4):720-726.

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