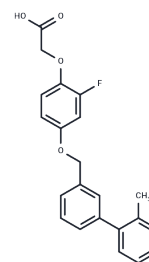


HWL-088

## Chemical Properties

CAS No. : 2378617-96-8  
 Formula: C<sub>22</sub>H<sub>19</sub>F<sub>0</sub>O<sub>4</sub>  
 Molecular Weight: 366.38  
 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	HWL-088 is a potent free fatty acid receptor 1 (FFA1/GPR40) agonist. HWL-088 significantly improves glucose tolerance in normal and diabetic models.
Targets(IC50)	Others,GPCR,PPAR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7294 mL	13.647 mL	27.2941 mL
5 mM	0.5459 mL	2.7294 mL	5.4588 mL
10 mM	0.2729 mL	1.3647 mL	2.7294 mL
50 mM	0.0546 mL	0.2729 mL	0.5459 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

Li Z, et al. Discovery of HWL-088: A highly potent FFA1/GPR40 agonist bearing a phenoxyacetic acid scaffold. *Bioorg Chem.* 2019 Nov;92:103209.

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