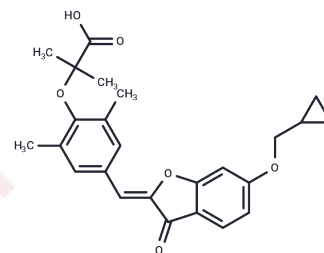


ZLY06

## Chemical Properties

CAS No. : 2834727-04-5  
 Formula: C<sub>25</sub>H<sub>26</sub>O<sub>6</sub>  
 Molecular Weight: 422.47  
 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   | ZLY06 is a dual agonist of peroxisome proliferator-activated receptors (PPAR) $\delta$ and $\gamma$ with oral activity (PPAR $\delta$ : EC <sub>50</sub> =341 nM; PPAR $\gamma$ : EC <sub>50</sub> =237 nM). It mediates the upregulation of CD36 and induces hepatic lipid accumulation by inhibiting the phosphorylation of AKT1. Moreover, ZLY06 significantly improves glucose and lipid metabolism without increasing body weight, primarily by enhancing the $\beta$ -oxidation of fatty acids and reducing hepatic lipid synthesis, thereby alleviating fatty liver disease. |
| Targets(IC50) | Akt,PPAR  |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.367 mL  | 11.8352 mL | 23.6703 mL |
| 5 mM  | 0.4734 mL | 2.367 mL   | 4.7341 mL  |
| 10 mM | 0.2367 mL | 1.1835 mL  | 2.367 mL   |
| 50 mM | 0.0473 mL | 0.2367 mL  | 0.4734 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

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