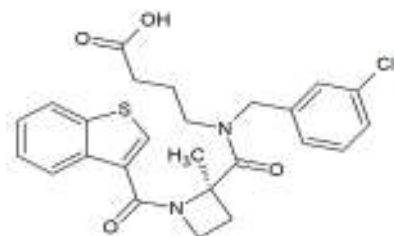


# GLPG-0974

**ALTERNATE NAME:** GLPG0974  
4-[[[(2R)-1-(Benzo[b]thien-3-ylcarbonyl)-2-methyl-2-azetidiny]carbonyl]][(3-chlorophenyl)methyl]amino]butanoic acid

**CATALOG #:** B3292-1 1 mg  
B3292-5 5 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>25</sub>H<sub>25</sub>ClN<sub>2</sub>O<sub>4</sub>S

**MOLECULAR WEIGHT:** 485.0

**CAS NUMBER:** 1391076-61-1

**APPEARANCE:** White solid

**PURITY:** ≥98% by HPLC

**SOLUBILITY:** >40 mg/ml Ethanol  
>40 mg/ml DMSO

**DESCRIPTION:** GLPG-0974 is a potent FFA2 (free fatty acid receptor 2) antagonist (IC<sub>50</sub> = 9 nM). Displays selectivity for FFA2 over FFA3. GLPG-0974 inhibits acetate-induced migration of isolated human neutrophils in buffer or plasma (IC<sub>50</sub>s = 27 and 43 nM, respectively), as well as acetate-induced expression of CD11b activation-specific epitope on neutrophils in isolated human whole blood (IC<sub>50</sub> = 438 nM).

**STORAGE TEMPERATURE:** -20°C. Protect from light

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

Free Fatty Acid Quantification Colorimetric/Fluorometric Kit (K612)  
Fatty Acid Uptake Assay Kit (Cell-Based) (K408)  
GW 9508 (2817)  
EZScreen™ Free Fatty Acid Colorimetric Assay Kit (384-well) (K956)  
TUG-891 (B2285)

**DISCLAIMER:** *FOR RESEARCH USE ONLY! Not to be used on humans.*