

HPG1860

## Chemical Properties

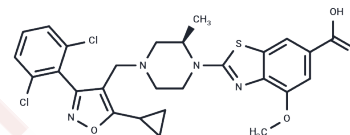
CAS No. : 2226133-29-3

Formula: C<sub>27</sub>H<sub>26</sub>Cl<sub>2</sub>N<sub>4</sub>O<sub>4</sub>S

Molecular Weight: 573.49

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	HPG1860, an agonist of the farnesoid X receptor (FXR), induces luminescence in reporter gene assays utilizing HEK293T cells expressing human FXR, with an EC <sub>50</sub> value of 18 nM. In vivo studies demonstrate that HPG1860 (administered at 1, 3, or 10 mg/kg daily) reduces serum alanine aminotransferase (ALT) and total cholesterol levels in a mouse model of non-alcoholic steatohepatitis (NASH), which was induced by a high-fat diet and carbon tetrachloride (CCl <sub>4</sub> ). Additionally, this compound decreases hepatic inflammation, fat levels, and fibrosis.
Targets(IC <sub>50</sub> )	FXR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7437 mL	8.7185 mL	17.4371 mL
5 mM	0.3487 mL	1.7437 mL	3.4874 mL
10 mM	0.1744 mL	0.8719 mL	1.7437 mL
50 mM	0.0349 mL	0.1744 mL	0.3487 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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