

PF-06424439

## Chemical Properties

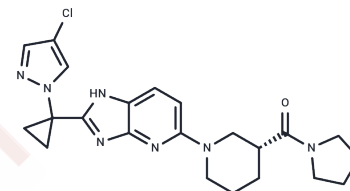
CAS No. : 1469284-78-3

Formula: C<sub>22</sub>H<sub>26</sub>ClN<sub>7</sub>O

Molecular Weight: 439.94

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	PF-06424439 is an oral and selective inhibitor of imidazopyridine diacylglycerol acyltransferase 2 (DGAT2) (IC <sub>50</sub> of 14 nM).
Targets(IC <sub>50</sub> )	Acyltransferase,Transferase
In vivo	PF-06424439 shows moderate clearance in rats following intravenous administration and moderate steady-state volume of distribution (V <sub>dss</sub> ) results in a short half-life[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.273 mL	11.3652 mL	22.7304 mL
5 mM	0.4546 mL	2.273 mL	4.5461 mL
10 mM	0.2273 mL	1.1365 mL	2.273 mL
50 mM	0.0455 mL	0.2273 mL	0.4546 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

Futatsugi K, et al. Discovery and Optimization of Imidazopyridine-Based Inhibitors of Diacylglycerol Acyltransferase 2 (DGAT2). J Med Chem. 2015 Sep 24;58(18):7173-85.

Pabst B, et al. Mechanistic Characterization of Long Residence Time Inhibitors of Diacylglycerol Acyltransferase 2 (DGAT2). Biochemistry. 2018 Dec 26;57(51):6997-7010.

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