

PF-02575799

## Chemical Properties

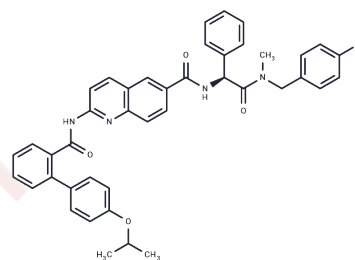
CAS No. : 863491-70-7

Formula: C42H37FN4O4

Molecular Weight: 680.77

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-02575799 is an inhibitor of microsomal triglyceride transfer protein (MTP) (IC50: 0.77 ±0.29 nM).
Targets(IC50)	Adenosine Receptor, MTP, MTP
In vivo	PF-02575799 obviously enhance alanine transaminase at 100 mg/kg. PF-02575799 produces appreciable triglyceride effects at its minimally effective dose (10 mg/kg) .

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4689 mL	7.3446 mL	14.6892 mL
5 mM	0.2938 mL	1.4689 mL	2.9378 mL
10 mM	0.1469 mL	0.7345 mL	1.4689 mL
50 mM	0.0294 mL	0.1469 mL	0.2938 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

Robinson RP, et al. Discovery of microsomal triglyceride transfer protein (MTP) inhibitors with potential for decreased active metabolite load compared to dirlotapide. Bioorg Med Chem Lett. 2011 Jul 15;21(14):4150-4.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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