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## Product Data Sheet

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Product Name: PF-02575799

Cat. No.: GC31522

### Chemical Properties

Cas. No. 863491-70-7

SMILES O=C(C1=CC=C2N=C(NC(C3=CC=CC=C3C4=CC=C(OC(C)C)C=C4)=O)C=CC2=C1)N[C@@H](C5=CC=CC=C5)C(N(CC6=CC=C(F)C=C6)C)=OFormula C<sub>42</sub>H<sub>37</sub>FN<sub>4</sub>O<sub>4</sub> M.Wt 680.77

Solubility Soluble in DMSO Storage Store at -20°C

General For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the tips ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue Condition ice upon request.

Structure 

### Protocol

#### Animal experiment:

Rats[1] Spray-dried dispersions formulated PF-02575799 is tested in a seven-day rat model. Food intake, body weight, liver TG, as well as serum alanine transaminase (ALT) are measured. In the definitive study, dose effect relationships are examined (PF-02575799 1, 3, 10, 30 and 100 mg/kg q.d.) and systemic exposures are measured[1].

#### References:

[1]. 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.

### Background

PF-02575799 is a microsomal triglyceride transfer protein (MTP) inhibitor with an IC<sub>50</sub> of 0.77±0.29 nM.

PF-02575799 is compound 13 from the reference[1].

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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PF-02575799 produces appreciable triglyceride effects at its minimally effective dose (10 mg/kg). PF-02575799 significant increase alanine transaminase at 100 mg/kg[1].

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