

Product Data Sheet

Product Name: CP 346086

Cat. No.: GB40155

Chemical Properties

Cas. No. 186390-48-7

Formula $C_{26}H_{22}F_3N_5O$ M.Wt 477.48

Solubility DMSO : 100 mg/mL (209.43 mM; Storage
Need ultrasonic)

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

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

Structure



Background

Potent microsomal triglyceride transfer protein (MTP, MTTP) inhibitor that inhibits both human and

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

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rodent MTP activity (IC₅₀ value 2.0 nM). After a 2 week treatment CP 346086 reduced total and LDL cholesterol and triglycerides by 47%, 72%, and 75%, relative to either individual baselines or placebo, with little change in HDL cholesterol. More potent in MTP inhibition than SLX 4090 and Lomitapide (Juxtapid; IC₅₀ value 8 nM and 5-7 nM respectively).

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