

TAP311

Chemical Properties

| | |
|-------------------|--|
| CAS No.: | T13079 |
| Formula: | C ₃₄ H ₄₀ F ₆ N ₆ O ₄ |
| Molecular Weight: | 710.71 |
| Appearance: | N/A |
| Storage: | 0-4°C for short term (days to weeks), or -20°C for long term (months). |

Biological Description

| | |
|----------------------------|---|
| Description | TAP311 is an inhibitor of cholesteryl ester transfer protein (CETP)(IC ₅₀ of 62 nM). |
| Targets(IC ₅₀) | CETP: 62 nM |

Solubility Information

| | |
|------------|---|
| Solubility | < 1 mg/ml refers to the product slightly soluble or insoluble |
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Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|----------|----------|----------|
| 1 mM | 1.407 mL | 7.035 mL | 14.07 mL |
| 5 mM | 0.281 mL | 1.407 mL | 2.814 mL |
| 10 mM | 0.141 mL | 0.704 mL | 1.407 mL |
| 50 mM | 0.028 mL | 0.141 mL | 0.281 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Yamada K, et al. Discovery of a Novel Piperidine-Based Inhibitor of Cholesteryl Ester Transfer Protein (CETP) That Retains Activity in Hypertriglyceridemic Plasma. J Med Chem. 2017 Oct 26;60(20):8466-8481.

Inhibitors · Natural Compounds · Compound Libraries

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Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481