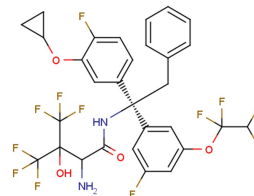


CETP-IN-3

Chemical Properties

| | |
|-------------------|---|
| CAS No.: | 939391-31-8 |
| Formula: | C ₃₀ H ₂₄ F ₁₂ N ₂ O ₄ |
| Molecular Weight: | 704.5 |
| Appearance: | N/A |
| Storage: | 0-4°C for short term (days to weeks), or -20°C for long term (months). |



Biological Description

| | |
|----------------------------|---|
| Description | CETP-IN-3 is an inhibitor of the plasma glycoprotein cholesterol ester transfer protein (CETP), elevating HDL-C through inhibition of CETP. |
| Targets(IC ₅₀) | Others: None |
| In vitro | CETP-IN-3 (Compound 13) for the CETP inhibitory activity in the scintillation proximity (SPA) and whole plasma assay (IC ₅₀ : 0.002 μM and 0.06 μM). |

Solubility Information

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

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|----------|----------|-----------|
| 1 mM | 1.419 mL | 7.097 mL | 14.194 mL |
| 5 mM | 0.284 mL | 1.419 mL | 2.839 mL |
| 10 mM | 0.142 mL | 0.71 mL | 1.419 mL |
| 50 mM | 0.028 mL | 0.142 mL | 0.284 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. Finlay HJ, et al. Discovery of a Lead Triphenylethylamine Cholesterol Ester Transfer Protein (CETP) Inhibitor. ACS Med Chem Lett. 2019 May 6; 10(6):911-916.

Inhibitors · Natural Compounds · Compound Libraries

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