Product Name: Torcetrapib
Catalog No.: 4184  Batch No.: 1
CAS Number: 262352-17-0
IUPAC Name: (2R,4S)-4-[3,5-bis(Trifluoromethyl)phenyl]methyl][methoxycarbonyl]amino]-2-ethyl-6-(trifluoromethyl)-1,2,3,4-tetrahydroquinoline-1-carboxylic acid ethyl ester

1. PHYSICAL AND CHEMICAL PROPERTIES

   Batch Molecular Formula: C_{26}H_{25}F_{9}N_{2}O_{4}
   Batch Molecular Weight: 600.47
   Physical Appearance: White solid
   Solubility: DMSO to 50 mM
   Storage: Store at RT

2. ANALYTICAL DATA

   HPLC: Shows 99.6% purity
   ¹H NMR: Consistent with structure
   Mass Spectrum: Consistent with structure
   Microanalysis: Carbon Hydrogen Nitrogen
   Theoretical 52.01  4.2  4.67
   Found 52.06  4.26  4.7

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

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**Description:**
Inhibitor of cholesteryl ester transfer protein (CETP). Also impairs endothelial function in vivo; produces hypertension and inhibits acetylcholine-induced vasodilation in rabbit central ear artery.

**Physical and Chemical Properties:**
- **Batch Molecular Formula:** C_{26}H_{25}F_{9}N_{2}O_{4}
- **Batch Molecular Weight:** 600.47
- **Physical Appearance:** White solid
- **Minimum Purity:** >99%

**Storage:** Store at RT

**Solubility & Usage Info:**
DMSO to 50 mM

**Stability and Solubility Advice:**
Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath). Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. Our standard recommendations are:
- **SOLIDS:** Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.
- **SOLUTIONS:** We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

**References:**