

**Product Name:** Torcetrapib

**Catalog No.:** 4184

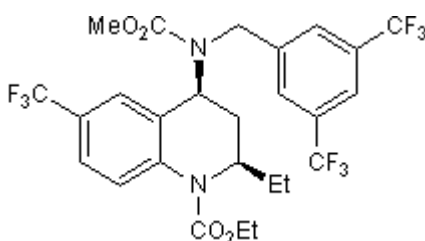
**Batch No.:** 1

**CAS Number:** 262352-17-0

**IUPAC Name:** (2*R*,4*S*)-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<sub>26</sub>H<sub>25</sub>F<sub>9</sub>N<sub>2</sub>O<sub>4</sub>  
**Batch Molecular Weight:** 600.47  
**Physical Appearance:** White solid  
**Solubility:** DMSO to 50 mM  
**Storage:** Store at RT  
**Batch Molecular Structure:**



## 2. ANALYTICAL DATA

**HPLC:** Shows 99.6% purity  
**<sup>1</sup>H 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

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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:**

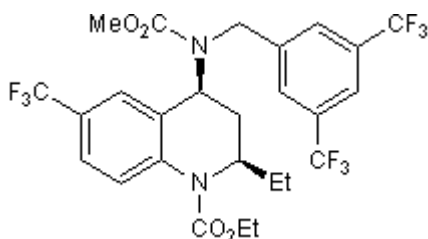
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Batch Molecular Weight: 600.47

Physical Appearance: White solid

**Minimum Purity:** >99%

**Batch Molecular Structure:**



**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:**

**Connelly *et al*** (2010) Torcetrapib produces endothelial dysfunction independent of cholesteryl ester transfer protein inhibition. *J.Cardiovascular Pharmacol.* **55** 459.

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