

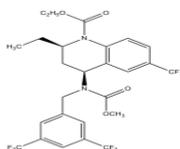
PRODUCT: Torcetrapib

ALTERNATE NAME: (2R,4S)-ethyl 2-ethyl-4-(methoxycarbonyl)-6-(trifluoromethyl)-3,4-dihydroquinoline-1(2H)-carboxylate; CP-529414, CP529414, CP 529414

CATALOG #: 2420-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₆H₂₅F₉N₂O₄

MOLECULAR WEIGHT: 600.47

CAS NUMBER: 262352-17-0

APPEARANCE: Crystalline solid

SOLUBILITY: DMSO (>100 mg/ml) or EtOH (>5 mg/ml)

PURITY: ≥98%

STORAGE: At -20° C. Protect from light and air

DESCRIPTION: Torcetrapib is a cholesteryl ester transfer protein (CETP) inhibitor (IC₅₀ = 37 nM). It raises high-density lipoprotein (HDL) cholesterol and reduces low-density lipoprotein (LDL) cholesterol levels. However, in clinical trials, Torcetrapib displayed unfavorable off-target effects in cardiovascular system. PDGFR, HGFR (c-Met), IL-2 receptor, and ErbB1-tyrosine kinase have subsequently been identified as direct off-targets of this compound.

REFERENCE: Fan, S., *et al.* (2012). *BMC Systems Biology* **6**, 152

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Anacetrapib (**Cat. No. 2418-1, 5**)

CETP Activity Fluorometric Assay Kit (**Cat. No. K601-100**)

CETP Antibody (**Cat. No. 3413-100**)

CETP Antibody (**Cat. No. 6606-200**)

CETP Inhibitor Drug Screening Kit (Fluorogenic) (**Cat. No. K602-100**)

CETP, human recombinant (**Cat. No. 7606-20, 100, 1000**)

Dalcetrapib (**Cat. No. 2419-2, 10**)

Sclerotiorin (**Cat. No. 2334-250, 1000**)

USAGE: **FOR RESEARCH CH USE ONLY! Not to be used in humans**