Datasheet

**Product overview**

**Name**
Torcetrapib

**Cat No**
HB0879

**Short description**
Cholesteryl ester transfer protein inhibitor

**Biological description**
Cholesteryl ester transfer protein (CETP) inhibitor. Raises HDL in dyslipidemia, improves glucose homeostasis and insulin resistance. Inhibits vasodilation and increases aldosterone to show hypertensive actions.

**Biological action**
Inhibitor

**Purity**
>99%

**Properties**

**Chemical 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

**Molecular Weight**
600.47

**Chemical structure**

![Chemical structure image]

**Molecular Formula**
C_{26}H_{25}F_{9}N_{2}O_{4}

**CAS Number**
262352-17-0

**PubChem identifier**
159325

**SMILES**
CC[C@H]2N(C(OCC)=O)C1=CC=C(C(F)(F)F)=C1[C@@H](N(CC3=CC(C(F)(F)F)=CC(C(F)(F)F)=C3)C(OC)=O)C2

**InChiKey**
CMSGWTNRGKRWGS-NQIIRXRSSA-N

**Storing and Using Your Product**

**Storage instructions**
Room temperature

**Solubility overview**
Soluble in DMSO (50mM)

**Important**
This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

**References for Torcetrapib**
Torcetrapib produces endothelial dysfunction independent of cholesteryl ester transfer protein inhibition.
PubMedID: 20051879

Raising HDL with CETP inhibitor torcetrapib improves glucose homeostasis in dyslipidemic and insulin resistant hamsters.
PubMedID: 24530763

Upregulating reverse cholesterol transport with cholesteryl ester transfer protein inhibition requires combination with the LDL-lowering drug berberine in dyslipidemic hamsters.
PubMedID: 23139291