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## DATASHEET

Torcetrapib

### Product overview

<b>Name</b>	Torcetrapib
<b>Cat No</b>	HB0879
<b>Biological action</b>	Inhibitor
<b>Purity</b>	>99%
<b>Description</b>	Cholesteryl ester transfer protein inhibitor

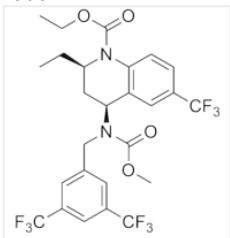
### Biological Data

<b>Biological description</b>	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.
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### Solubility & Handling

<b>Storage instructions</b>	Room temperature
<b>Solubility overview</b>	Soluble in DMSO (50mM)
<b>Important</b>	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

### Chemical Data

<b>Chemical name</b>	(2 <i>R</i> ,4 <i>S</i> )-4-[[[3,5-bis(trifluoromethyl)phenyl]methyl](methoxycarbonyl)amino]-2-ethyl-6-(trifluoromethyl)-1,2,3,4-tetrahydroquinoline-1-carboxylic acid ethyl ester
<b>Molecular Weight</b>	600.47
<b>Chemical structure</b>	
<b>Molecular Formula</b>	C <sub>26</sub> H <sub>25</sub> F <sub>9</sub> N <sub>2</sub> O <sub>4</sub>
<b>CAS Number</b>	262352-17-0
<b>PubChem identifier</b>	159325
<b>SMILES</b>	CC[C@H]2N(C(OCC)=O)C1=CC=C(C(F)(F)F)C=C1[C@@H](N(CC3=CC(C(F)(F)F)=CC(C(F)(F)F)=C3)C(OC)=O)C2
<b>InChiKey</b>	CMSGWTNRGKRWGS-NQIIRXRSSA-N

### References

**Torcetrapib produces endothelial dysfunction independent of cholesteryl ester transfer protein inhibition.**

Connelly MA *et al* (2010) J Cardiovasc Pharmacol 55(5)

PubMedID

20051879

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

Briand F *et al* (2014) *Atherosclerosis* 233(2)

PubMedID

24530763

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

Briand F *et al* (2013) *Arterioscler Thromb Vasc Biol* 33(1)

PubMedID

23139291

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