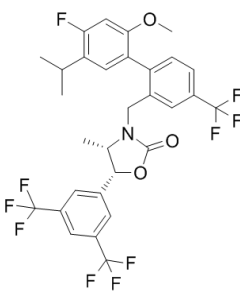


Product Name	: Anacetrapib	
Synonyms	: MK 0859; MK-0859; MK0859	
Cat No.	: M16362	
CAS Number	: 875446-37-0	
Molecular Formula	: C ₃₀ H ₂₅ F ₁₀ NO ₃	
Formula Weight	: 637.51	
Chemical Name	2-Oxazolidinone, 5-[3,5-bis(trifluoromethyl)phenyl]-3-[[4'-fluoro-2'-methoxy-5'-(1-methylethyl)-4-(trifluoromethyl)[1,1'-biphenyl]-2-yl]methyl]-4-methyl-, (4S,5R)-	
Description	Anacetrapib (MK 0859) is a potent, orally active cholesteryl ester transfer protein (CETP) inhibitor with IC ₅₀ of 7.9 nM and 11.8 nM for rhCETP and C13S CETP mutant, respectively; inhibits CETP-mediated cholesterol exchange, resulting in elevated HDL-cholesterol levels and reductions in LDL-cholesterol levels, demonstrates potential to treat elevated cholesterol levels in an effort prevent cardiovascular disease. Atherosclerosis Phase 3 Clinical	
Pathway	: Metabolic Enzyme/Protease	
Target	: CETP	
Receptor	: MutantCETP(C13S);rhCETP	
Solubility	: 10 mM in DMSO	
SMILES	: <chem>O=C1O[C@H](C2=CC(C(F)(F)F)=CC(C(F)(F)F)=C2)[C@H](C)N1CC3=CC(C(F)(F)F)=CC=C3C4=CC(C(C)C)=C(F)C=C4OC</chem>	
Storage	: (-20°C)	
Stability	: ≥ 2 years	
Reference	:	

1. Krishna R, et al. Lancet. 2007 Dec 8;370(9603):1907-14. | 2. Vergeer M, et al. Nat Clin Pract Cardiovasc Med. 2008 Jun;5(6):302-3. | 3. Cannon CP, et al. Am Heart J. 2009 Oct;158(4):513-519.e3. | 4. Niesor EJ, et al. J Lipid Res. 2010 Dec;51(12):3443-54.