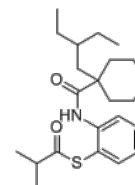


Product Name : Dalcetrapib
Cat. No. : PC-21183
CAS No. : 211513-37-0
Molecular Formula : C₂₃H₃₅NO₂S
Molecular Weight : 389.60
Target : CETP
Solubility : 10 mM in DMSO



Biological Activity

Dalcetrapib (JTT-705, RO4607381) is an orally active cholesteryl ester transfer protein (CETP) inhibitor with IC₅₀ of 204.6 nM and 6 μM against recombinant human (rh) CETP and human plasma CETP, respectively.

Dalcetrapib (JTT-705, RO4607381) dose-dependently increases pre-β-HDL formation.

Dalcetrapib (JTT-705, RO4607381) inhibits the CETP activity of media in HepG2 in a dose-dependent manner.

Dalcetrapib (JTT-705, RO4607381) significantly increases fecal elimination of neutral sterols, bile acids, and plasma HDL-cholesterol in vivo.

References

Niesor EJ, et al. J Lipid Res. 2010, 51(12), 3443-3454.

Shinkai H, et al. J Med Chem. 2000, 43(19), 3566-3572.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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