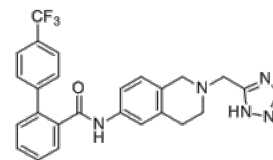


Product Name : CP-346086
Cat. No. : PC-60675
CAS No. : 186390-48-7
Molecular Formula : C₂₆H₂₂F₃N₅O
Molecular Weight : 477.491
Target : Microsomal Triglyceride Transfer Protein (MTP)
Solubility : 10 mM in DMSO



Biological Activity

CP-346086 is a potent, orally active microsomal triglyceride transfer protein (**MTP**) inhibitor that inhibits both human and rodent MTP with IC₅₀ of 2 nM.

CP-346086 inhibits apolipoprotein B (apoB) and triglyceride secretion (IC₅₀=2.6 nM) without affecting apoA-I secretion or lipid synthesis.

CP-346086 lowers total, VLDL, and LDL cholesterol and triglycerides in rats.

References

Chandler CE, et al. *J Lipid Res.* 2003 Oct;44(10):1887-901.

Lamant M, et al. *J Biol Chem.* 2006 Nov 24;281(47):36289-302.

Kim E, et al. *J Pharmacol Exp Ther.* 2011 Jun;337(3):775-85.

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

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