

Product Name	: SLx-4090
Synonyms	: SLx 4090;SLx4090
Cat No.	: M16563
CAS Number	: 913541-47-6
Molecular Formula	: C31H25F3N2O4
Formula Weight	: 546.55
Chemical Name	: 6-(4'-Trifluoromethyl-6-methoxy-biphenyl-2-ylcarboxamido)-1,2,3,4-tetrahydroisoquinoline-2-carboxylic acid phenyl ester
Description	: A novel potent, selective and orally active enterocytic microsomal triglyceride transfer protein (MTP) inhibitor that inhibits only MTP localized to enterocytes with IC50 of 6 nM; inhibits apolipoprotein B (IC50=9.6 nM) but not apolipoprotein A1 secretion in Caco-2 cells, reduces postprandial lipids in rats with ED50 of 7mg/kg, decreases the body weight gain and increases HDL-C in ApoE(/-) mice.Dyslipidemia Phase 2 Clinical
Pathway	: Membrane Transporter/Ion Channel
Target	: MTP
Receptor	: MTP
Solubility	: —
SMILES	: <chem>O=C(N1CC2=C(C=C(NC(C3=CC=CC(OC)=C3C4=CC=C(C(F)(F)F)C=C4)=O)C=C2)CC1)OC5=CC=CC=C5</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

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

