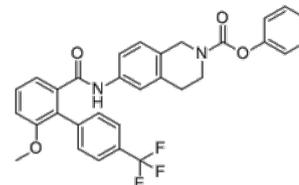


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<b>Product Name</b>	: SLx-4090
<b>Cat. No.</b>	: PC-60674
<b>CAS No.</b>	: 913541-47-6
<b>Molecular Formula</b>	: C <sub>31</sub> H <sub>25</sub> F <sub>3</sub> N <sub>2</sub> O <sub>4</sub>
<b>Molecular Weight</b>	: 546.546
<b>Target</b>	: Microsomal Triglyceride Transfer Protein (MTP)
<b>Solubility</b>	: 10 mM in DMSO



## Biological Activity

SLx-4090 (KD-026) is a novel potent, selective and orally active enterocytic microsomal triglyceride transfer protein (MTP) inhibitor that inhibits only MTP localized to enterocytes with IC<sub>50</sub> of 6 nM.

SLx-4090 inhibits apolipoprotein B (IC<sub>50</sub>=9.6 nM) but not apolipoprotein A1 secretion in Caco-2 cells.

SLx-4090 reduces postprandial lipids in rats with ED<sub>50</sub> of 7 mg/kg, decreases the body weight gain and increases HDL-C in ApoE(-/-) mice.

## References

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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