

MK-8262 biochemical

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CATALOG #
AAA227710

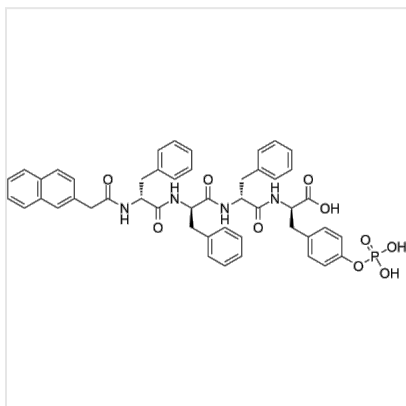
PRODUCT SYNONYMS

MK-8262; MK-8262 biochemical

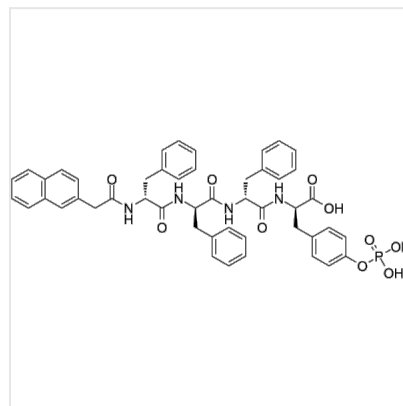
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	1432054-03-9
Targets&IC50	CETP:53 nM (IC50)
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	MK-8262 (Compound 87; 10 mg/kg; orally) results in a significant HDL cholesterol increase in a 2-week chronic treatment of CETP transgenic mice[1]. MK-8262 (1 mg/kg; iv) has a T 1/2 MRT of 6 hours, a CL of 2.6 mL/min/kg, and a V ss of 0.95 L/kg for mouse[1]. MK-8262 (2 mg/kg; po) has a C max of 0.43 uM and an AUC of 7.9 uM/h for mouse[1]. MK-8262 (1 mg/kg; iv) has a T 1/2 MRT of 13 hours, a CL of 3.1 mL/min/kg, and a V ss of 2.4 L/kg for mouse[1]. MK-8262 (2 mg/kg; po) has a C max of 0.4 uM and an AUC of 9.7 uM/h for mouse[1].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
D-3, CAS 1967815-98-0



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ADDITIONAL INFORMATION

Related Product Information for MK-8262 biochemical	MK-8262 is an orally active and potent cholesteryl ester transfer protein (CETP) inhibitor with an IC 50 of 53 nM and a log D of 5.3. MK-8262, a bistrifluoromethyl analogue, has the potential for coronary heart disease (CHD) correlated high-density lipoprotein (HDL) and low-density lipoprotein (LDL) research.
References	1. Yi Kuang, et al. Efficient, Selective Removal of Human Pluripotent Stem Cells via Ecto-Alkaline Phosphatase-Mediated Aggregation of Synthetic Peptides. Cell Chem Biol. 2017 Jun 22;24(6):685-694.e4.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/biochemical/mk-8262/227710>