

Octanoyl Coenzyme A (sodium salt) Biochemical

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CATALOG #
AAA227294

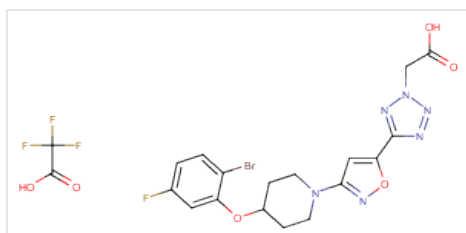
PRODUCT SYNONYMS

Octanoyl Coenzyme A (sodium salt); Octanoyl Coenzyme A (sodium salt) biochemical

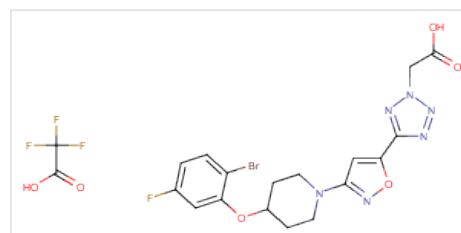
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	PBS (pH 7.2): 10 mg/mL Ethanol: Partially Soluble <1mg/ml refers to the product slightly soluble or insoluble
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
MK-8245 Trifluoroacetate, CAS 1415559-41-9



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ADDITIONAL INFORMATION

Related Product Information for Octanoyl Coenzyme A (sodium salt) biochemical	Octanoyl coenzyme A (octanoyl-CoA) is a medium-chain acyl CoA and a metabolic intermediate in mitochondrial fatty acid beta-oxidation. Levels of octanoyl-CoA are increased in the liver of patients with Reye's syndrome and beta-oxidation of octanoyl-CoA by medium-chain acyl CoA dehydrogenase (MCADH) is decreased in patients with MCADH deficiency (MCD). Octanoyl-CoA inhibits citrate synthase and glutamate dehydrogenase.
References	1. Oballa RM, et al. Development of a liver-targeted stearyl-CoA desaturase (SCD) inhibitor (MK-8245) to establish a therapeutic window for the treatment of diabetes and dyslipidemia. J Med Chem. 2011 Jul 28;54(14):5082-96. Epub 2011 Jun 28.

NCBI AND UNIPROT INFORMATION

Molecular Weight	581.279
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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.