Octanoyl Coenzyme A (sodium salt) Biochemical

Octanoyl Coenzyme A (sodium salt)

CATALOG #
AAA227294

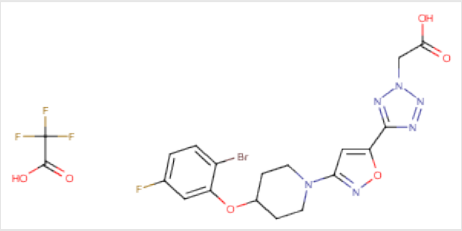
PRODUCT SYNONYMS

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

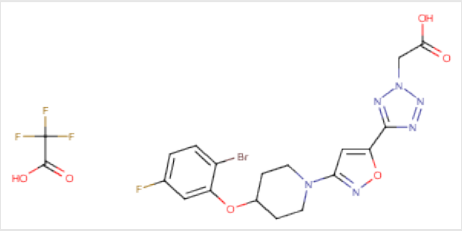
PRODUCT SPECIFICATIONS

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



Structure
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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 stearoyl-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

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/octanoyl-coenzyme-a-sodium-salt/227294