

Acetoacetyl Coenzyme A (sodium salt hydrate) Biochemical

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CATALOG #
AAA227218

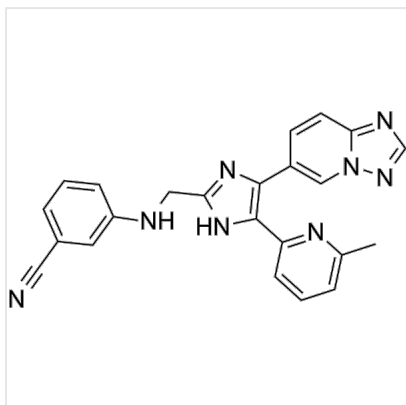
PRODUCT SYNONYMS

Acetoacetyl Coenzyme A (sodium salt hydrate); Acetoacetyl Coenzyme A (sodium salt hydrate) biochemical

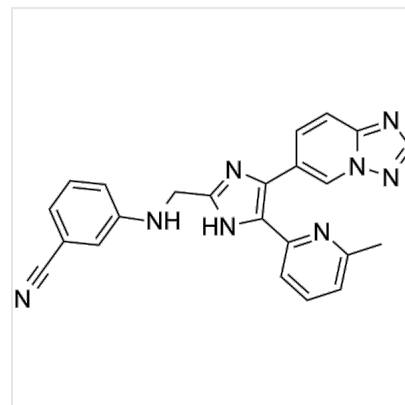
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	PBS (pH 7.2): 10 mg/mL <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
EW-7195, CAS 1352609-28-9



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ADDITIONAL INFORMATION

Related Product Information for Acetoacetyl Coenzyme A (sodium salt hydrate) biochemical	Acetoacetyl-coenzyme A (acetoacetyl-CoA) is a precursor to HMG-CoA in the isoprenoid pathway.[1],[2] It is reversibly converted to acetyl-CoA by acetoacetyl-CoA thiolase in the mitochondria. Acetoacetyl-CoA thiolase (T2) deficiency results in a build-up of ketone bodies leading to intermittent ketoacidosis.[3],[4] Acetoacetyl-CoA is also an intermediate in the microbial biosynthesis of polyhydroxybutyrate.[5]
References	1. Park CY, et al. EW-7195, a novel inhibitor of ALK5 kinase inhibits EMT and breast cancer metastasis to lung. Eur J Cancer. 2011;47(17):2642-2653.

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.