

Ethylmalonyl Coenzyme A (sodium salt) Biochemical

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CATALOG #
AAA227261

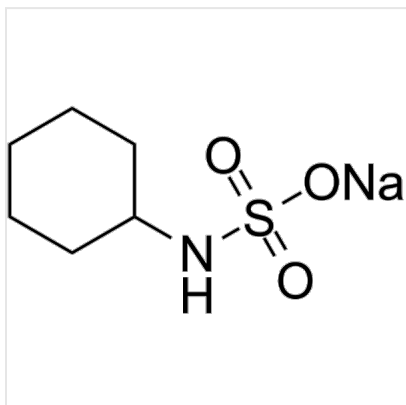
PRODUCT SYNONYMS

Ethylmalonyl Coenzyme A (sodium salt); Cyclohexylsulfamicacidsodium; Sodiumcyclamate; Ethylmalonyl Coenzyme A (sodium salt) biochemical

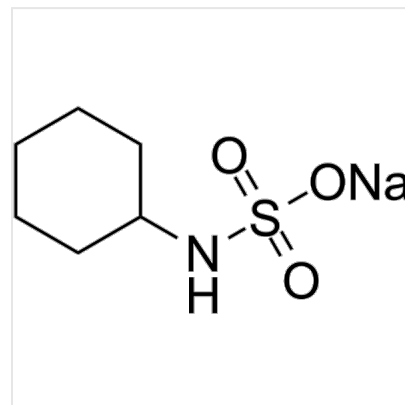
PRODUCT SPECIFICATIONS

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
Cyclamic acid sodium, CAS 139-05-9



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ADDITIONAL INFORMATION

Related Product Information for Ethylmalonyl Coenzyme A (sodium salt) biochemical	Ethylmalonyl coenzyme A (CoA) is a key intermediate in the ethylmalonyl-CoA pathway for carbon metabolism in certain bacteria, such as <i>M. extorquens</i> , which uses this pathway when grown on ethylamine. ^{1,2} It is produced from crotonyl-CoA by crotonyl-CoA reductase/carboxylase and modified by ethylmalonyl-CoA mutase to make methylsuccinyl-CoA.
References	1. Leban I, et, al. Structures of artificial sweeteners--cyclamic acid and sodium cyclamate with other cyclamates. Acta Crystallogr B. 2007 Jun;63(Pt 3):418-25.

NCBI AND UNIPROT INFORMATION

Molecular Weight	201.22
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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.

