Creative Enzymes®

Native Yeast Coenzyme A, Trilithium Salt

Cat. No. NATE-0146

Lot. No. (See product label)

Introduction

Description	Coenzyme A (CoA, CoASH, or HSCoA) is a coenzyme, notable for its role in the synthesis and oxidation of fatty acids, and the oxidation of pyruvate in the citric acid cycle. All genomes sequenced to date encode enzymes that use coenzyme A as a substrate, and around 4% of cellular enzymes use it (or a thioester, such as acetyl-CoA) as a substrate. In humans, CoA biosynthesis requires cysteine, pantothenate, and adenosine triphosphate (ATP).
Synonyms	Coenzyme A, Trilithium Salt; CoA-Li; 18439-24-2

Product Information

Source	Yeast
CAS No.	18439-24-2
Molecular Weight	685.41
Purity	Determined by enzyme analysis with PTA* (> 75%) *PTA = Phosphotrasacetylase (LM) (EC 2.3.1.8.)
Structure	C21H27N7O14P2.Na
Specificity	Water content: < 8% by Karl Fischer

Storage and Shipping Information

Storage	Keep tightly stoppered in the dark below 5°C. For Prolonged storage, keep below-20°C.