Coenzyme A, Free Acid

Catalog No.	CSI20357A CSI20357B	**Quantity:**	50 mg 500 mg

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. Coenzyme A is adapted from cysteamine, pantothenate, and adenosine triphosphate. Since coenzyme A is chemically a thiol, Coenzyme A can react with carboxylic acids to form thioesters, thus functioning as an acyl group carrier. Coenzyme A assists in transferring fatty acids from the cytoplasm to mitochondria. A molecule of coenzyme A carrying an acetyl group is also referred to as acetyl-CoA. When Coenzyme A is not attached to an acyl group it is usually referred to as 'CoASH' or 'HSCoA'

Source: Yeast

Formula Weight: 821.58 (CoA.2H2O)

Formulation: Lyophilized Powder

CAS No: 85-61-0

Formula: C21H36N7O16P3S

Spectral Ratios: (pH 7.5):
A250/A260: 0.78 + or - 0.03
A280/A260: 0.16 + or - 0.0

Applications: Cell Culture and Bio-Nutritional

Storage & Stability: -20°C longterm, refrigerated short term

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

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