

Download Biotin Pantothenic Acid

Pantothenic acid, also called vitamin B 5 (a B vitamin), is a water-soluble vitamin. Pantothenic acid is an essential nutrient. Animals require pantothenic acid in order to synthesize coenzyme-A (CoA), as well as to synthesize and metabolize proteins, carbohydrates, and fats. Niacin. Background with requisite function in human metabolic processes. Deficiency. Niacin (nicotinic acid) deficiency classically results in pellagra, which is a chronic wasting disease associated with a characteristic erythematous dermatitis that is bilateral and symmetrical, a dementia after mental changes including insomnia and apathy ...Basic Description. Pantothenic acid (also known historically as vitamin B5) is among the most important of the B vitamins for the basic processes of life while also being one of the less likely nutrient deficiencies in the average U.S. diet. Animal data. Despite positive findings in rodent studies, little positive clinical data exist regarding the use of pantothenic acid in the condition or growth of human hair.