



Cyanocobalamin

Other Names

Vitamin B12

Description

The antipernicious anemia vitamin. All vitamin B12 compounds contain the cobalt atom in its trivalent state. There are at least three active forms: cyanocobalamin, hydroxocobalamin, nitrocobalamin. Vitamin B12 is a component of a coenzyme which takes part in the shift of carboxyl groups within molecules. As such it has an influence on nucleic acid synthesis, fat metabolism, conversion of carbohydrate to fat, and metabolism of glycine, serine, methionine and chlorine.

Properties

- insoluble in acetone and ether.
- soluble in alcohol
- odorless and tasteless. Slightly soluble in water
- Dark red crystals or red powder. Very hygroscopic

Directions for use

Medicine (blood and nerve treatment), nutrition, animal feed supplements.

Hazard Warning

See MSDS

Dosage

None

Packaging

100 gram packet