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3-Hydroxy-3-Methylglutaryl-Coenzyme A

National Cancer Institute

Source

National Cancer Institute. *3-Hydroxy-3-Methylglutaryl-Coenzyme A*. NCI Thesaurus. Code C129007.

An intermediate for the synthesis of mevalonic acid, ketone bodies and cholesterol and a metabolic product for leucine; it can be formed de novo from acetyl coenzyme A (CoA) and acetoacetyl CoA by HMG-CoA (3-Hydroxy-3-Methylglutaryl-Coenzyme A) synthase.