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# Alloisoleucine

National Cancer Institute

## Source

National Cancer Institute. *Alloisoleucine*. NCI Thesaurus. Code C118884.

The optically active form of the amino acid alloisoleucine with an L-(2S,3R)-configuration, derived from endogenous L-isoleucine, that is an intermediate in the metabolism of branched-chain amino acids. Detection of alloisoleucine in plasma is diagnostic for maple-syrup urine disease (MSUD).