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Rathyronine

National Cancer Institute

Source

National Cancer Institute. *Rathyronine*. NCI Thesaurus. Code C61710.

A racemic mixture of liothyronine, a synthetic version of triiodothyronine (T3), the primary active thyroid hormone. Like endogenous T3, DL-liothyronine exerts its many metabolic effects through control of gene expression, thereby resulting in the production of proteins that are involved in normal metabolism, growth, and development. Other physiologic effects of liothyronine include promoting gluconeogenesis, increasing utilization and mobilization of glycogen stores, and elevating basal metabolic rate.