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# Liothyronine Sodium

National Cancer Institute

## Source

National Cancer Institute. *Liothyronine Sodium*. NCI Thesaurus. Code C2581.

The sodium salt form of liothyronine, a synthetic form of the levorotatory isomer of the naturally occurring thyroid hormone triiodothyronine (T<sub>3</sub>). Liothyronine sodium binds to nuclear thyroid receptors which then bind to thyroid hormone response elements of target genes. As a result, liothyronine sodium induces gene expression that is required for normal growth and development. Liothyronine sodium is more potent and has a more rapid action than thyroxine (T<sub>4</sub>).