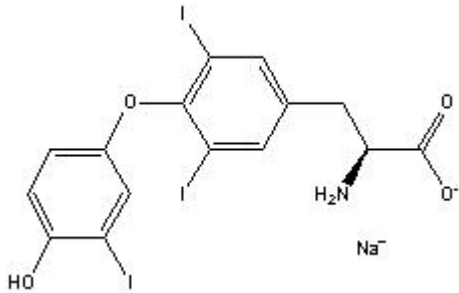


## TECHNICAL INFORMATION

Catalog Number: 152171, 194584, 194585  
**3,3',5-Triiodo-L-thyronine, sodium salt**

**Structure:**



**Molecular Formula:** C<sub>15</sub>H<sub>11</sub>I<sub>3</sub>NO<sub>4</sub>Na

**Molecular Weight:** 673

**CAS #** 55-06-1

**Synonyms:** Liothyronine sodium; Sodium L-triiodothyronine; Cytobin; Cytomine; Cytomel; Cynomel; Tertroxin; Triothyronine

**Physical Description:** Off-white to tan to gray crystalline powder

**Solubility:** Very slightly soluble in water; Soluble in 1 N HCl : Alcohol mixture (1 : 2); soluble in dilute alkalis and 50% Ammonium hydroxide (20 mg/ml - clear, brown solution), 1 N Sodium hydroxide (1 mg/ml); slightly soluble in alcohol, ethanol 96% v/v; practically insoluble in most other organic solvents.

**Description:** Amino acid found in human plasma and thyroid gland, similar to thyroxine.

**Availability:**

Catalog Number	Description	Sizes
152171	Sodium salt form	100 mg 250 mg 500 mg 1 gm 5 gm
194584	Sodium salt, Cell culture Reagent, gamma-irradiated	1 mg
194585	Sodium salt, Cell culture Reagent	100 mg 250 mg 500 mg 1 gm 5 gm

**References:**

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- Gross, Pitt-Rivers, *Lancet*, **1952**, **I**, 439.
- Roche, et. al., *Biochem. Biophys. Acta*, **v. 11**, 215 (1953).
- Gross, Pitt-Rivers, *Biochem. J.*, **v. 53**, 645 (1953).
- G. Kocsard-Varo, *Med. J. Aust.*, **v. 2**, 789 (1973).
- M.A. Chacon, J.T. Tildon, *J. Pediatr.*, **v. 99**, 758 (1981).