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## Liothyronine sodium

产品编号: D55879

CAS: 55-06-1

分子式: C<sub>15</sub>H<sub>11</sub>I<sub>3</sub>NNaO<sub>4</sub>

纯度: 98%

InChi Key: InChIKey=SBXXSUDPJJJJLC-YDALLXLXSA-M

Smiles: [Na+].C(=O)([C@H](Cc1cc(c(c(c1)I)Oc1cc(c(cc1)O)I)I)N)[O-]

外观: 固体粉末

作用通路: Endocrinology/Hormones

作用靶点: Thyroid hormone receptor(THR)

溶解性: DMSO:33.6 mg/mL (50 mM)

保存条件: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

产品介绍: Liothyronine Sodium is 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>).