

3,3',5-Triiodo-L-thyronine (sodium)

Catalog No: tcsc3241



Available Sizes

Size: 100mg

Size: 500mg



Specifications

CAS No:

55-06-1

Formula:

$C_{15}H_{11}I_3NNaO_4$

Pathway:

Others

Target:

Thyroid Hormone Receptor

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 42 mg/mL (62.41 mM)

Alternative Names:

T3 Sodium salt; Sodium L-3,3',5-triiodothyronine; Liothyronine sodium

Observed Molecular Weight:

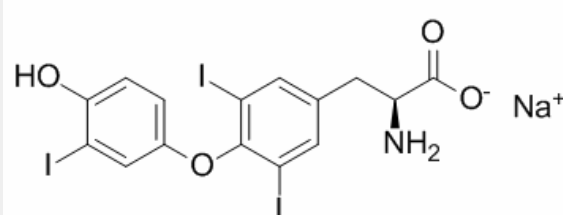
672.96

Product Description

3,3',5-Triiodo-L-thyronine sodium is an active form of thyroid hormone, which binds to **$\beta 1$ thyroid hormone receptor (TR $\beta 1$)**, and activates its activity.

IC50 & Target: TR β 1^{[1][2]}

In Vitro: 3,3',5-Triiodo-L-thyronine (T3, 100 nM) stimulates the proliferation of hepatocarcinoma cells in which TR β 1 is overexpressed^[1]. 3,3',5-Triiodo-L-thyronine binds to human β 1 thyroid hormone receptor (hTR β 1), and change its conformation. 3,3',5-Triiodo-L-thyronine promotes growth, induces differentiation and regulates metabolic effects^[2].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!