



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

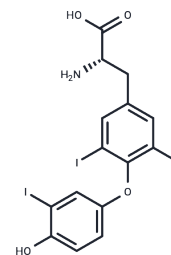
www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Liothyronine

Chemical Properties

CAS No. :	6893-02-3
Formula:	C ₁₅ H ₁₂ I ₃ NO ₄
Molecular Weight:	650.97
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Liothyronine (Tresitope) is an active form of thyroid hormone, binding to $\beta 1$ thyroid hormone receptor (TR $\beta 1$), and activates its activity.
Targets(IC50)	Thyroid hormone receptor(THR),Endogenous Metabolite
In vitro	Triiodothyronine (0.01-0.1 μ M) results in a decrease in the TR $\alpha 1$:TR $\alpha 2$ mRNA ratio in HepG2 cells. High liothyronine levels induces a low TR $\alpha 1$:TR $\alpha 2$ ratio which can protect the cell from excessive triiodothyronine-induced gene expression[1].

Solubility Information

Solubility	DMSO: 1 mg/mL,Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5362 mL	7.6808 mL	15.3617 mL
5 mM	0.3072 mL	1.5362 mL	3.0723 mL
10 mM	0.1536 mL	0.7681 mL	1.5362 mL
50 mM	0.0307 mL	0.1536 mL	0.3072 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Zhou X, et al. Repositioning liothyronine for cancer immunotherapy by blocking the interaction of immune checkpoint TIGIT/PVR. Cell Commun Signal. 2020 Sep 7;18(1):142.
Wang Q, Jin F, Zhang J, et al. Lipoxin A4

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481