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## **Certificate of Analysis**

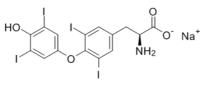
Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	: L-Thyroxine sodium salt pentahydrate
Cat. No.	: PC-45458
CAS No.	: 6106-07-6
Batch No.	: PC-4545801
Chemical Name	: L-Tyrosine, O-(4-hydroxy-3,5-diiodophenyl)-3,5-diiodo-, sodium salt, hydrate (1:1:5)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Weight	: 888.9282		
Molecular Formula	: C <sub>15</sub> H <sub>20</sub> I <sub>4</sub> NNaO <sub>9</sub>		
Storage	: Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

Chemical Structure :



H<sub>2</sub>O H<sub>2</sub>O H<sub>2</sub>O H<sub>2</sub>O H<sub>2</sub>O

## ANALYTICAL DATA

Appearance	: Solid powder
<sup>1</sup> H NMR Spectrum	: Consistent with
HPLC	: Consistent with
NP	: Consistent with
Purity (HPLC)	: >98%
Conclusion	: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. Lab Use Only! E-mail: tech@probechem.com