

thyroxine 5-deiodinase

Cat. No. EXWM-1263

Lot. No. (See product label)

Introduction

Description

The enzyme activity has only been demonstrated in the direction of 5-deiodination. This removal of the 5-iodine, i.e. from the inner ring, largely inactivates the hormone thyroxine.

Synonyms

diiodothyronine 5'-deiodinase (ambiguous); iodothyronine 5-deiodinase; iodothyronine inner ring monodeiodinase; type III iodothyronine deiodinase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.21.99.3

CAS No.

74506-30-2

Reaction

3,3',5'-triiodo-L-thyronine + iodide + acceptor + H⁺ = L-thyroxine + reduced acceptor

Notes

This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage

Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.