

## 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<sup>+</sup> = 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.