

thyroid-hormone transaminase

Cat. No. EXWM-2865

Lot. No. (See product label)

Introduction

Description

A pyridoxal-phosphate protein. Acts on monoiodotyrosine, diiodotyrosine, triiodothyronine, thyroxine and dinitrotyrosine (unlike EC 2.6.1.24 diiodotyrosine transaminase, which does not act on dinitrotyrosine). Pyruvate or oxaloacetate can act as acceptors.

Synonyms

3,5-dinitrotyrosine transaminase; thyroid hormone aminotransferase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.6.1.26

CAS No.

51004-29-6

Reaction

$\text{L-3,5,3'-triiodothyronine} + 2\text{-oxoglutarate} = 3\text{-[4-(4-hydroxy-3-iodophenoxy)-3,5-diiiodophenyl]-2-oxopropanoate} + \text{L-glutamate}$

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.