

galactose-1-phosphate thymidyltransferase

Cat. No. EXWM-3243

Lot. No. (See product label)

Introduction

Description

This enzyme belongs to the family of transferases, specifically those transferring phosphorus-containing nucleotide groups (nucleotidyltransferases). The systematic name of this enzyme class is dTTP:alpha-D-galactose-1-phosphate thymidyltransferase. Other names in common use include dTDP galactose pyrophosphorylase, galactose 1-phosphate thymidyl transferase, thymidine diphosphogalactose pyrophosphorylase, thymidine triphosphate:alpha-D-galactose 1-phosphate, and thymidyltransferase. This enzyme participates in nucleotide sugars metabolism.

Synonyms

dTDP galactose pyrophosphorylase; galactose 1-phosphate thymidyl transferase; thymidine diphosphogalactose pyrophosphorylase; thymidine triphosphate:α-D-galactose 1-phosphate thymidyltransferase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.7.7.32

CAS No.

9023-25-0

Reaction

dTTP + α-D-galactose 1-phosphate = diphosphate + dTDP-galactose

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.