

2-deoxystreptamine glucosyltransferase

Cat. No. EXWM-2517

Lot. No. (See product label)

Introduction

Description

Involved in the biosynthesis of kanamycin B and kanamycin C. Also catalyses EC 2.4.1.283, 2-deoxystreptamine N-acetyl-D-glucosaminyltransferase, but activity is only one fifth of that with UDP- α -D-glucose.

Synonyms

kanF (gene name)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.4.1.284

Reaction

UDP- α -D-glucose + 2-deoxystreptamine = UDP + 2'-deamino-2'-hydroxyparomamine

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.