

galactan 5-O-arabinofuranosyltransferase

Cat. No. EXWM-2675

Lot. No. (See product label)

Introduction

Description

Isolated from Mycobacterium tuberculosis and Corynebacterium glutamicum. These arabinofuranosyl groups form the start of an arabinofuranan chain as part of the of the cell wall in mycobacteria.

Synonyms

AftA; Rv3792

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.4.2.46

Reaction

Adds an α -D-arabinofuranosyl group from trans,octacis-decaprenylphospho- β -D-arabinofuranose at the 5-O-position of the eighth, tenth and twelfth galactofuranose unit of the galactofuranan chain of [β -D-galactofuranosyl-(1 \rightarrow 5)- β -D-galactofuranosyl-(1 \rightarrow 6)]14- β -D-galactofuranosyl-(1 \rightarrow 5)- β -D-galactofuranosyl-(1 \rightarrow 4)- α -L-rhamnopyranosyl-(1 \rightarrow 3)-N-acetyl- α -D-glucosaminyldiphospho-trans,octacis-decaprenol

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.