

xanthan ketal pyruvate transferase

Cat. No. EXWM-2834

Lot. No. (See product label)

Introduction

Description Involved in the biosynthesis of the polysaccharide xanthan. 30-40% of the terminal mannose residues of xanthan have a 4,6-O-(1-carboxyethan-1,1-diyl) ketal group. It also acts on the 6-O-acetyl derivative of the inner mannose unit.

Synonyms KPT

Product Information

Form Liquid or lyophilized powder

EC Number EC 2.5.1.95

Reaction phosphoenolpyruvate + D-Man- β -(1 \rightarrow 4)-D-GlcA- β -(1 \rightarrow 2)-D-Man- α -(1 \rightarrow 3)-D-Glc- β -(1 \rightarrow 4)-D-Glc- α -1-diphospho-ditrans,octacis-undecaprenol = 4,6-CH₃(COO-)C-D-Man- β -(1 \rightarrow 4)-D-GlcA- β -(1 \rightarrow 2)-D-Man- α -(1 \rightarrow 3)-D-Glc- β -(1 \rightarrow 4)-D-Glc- α -1-diphospho-ditrans,octacis-undecaprenol + phosphate

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.