

mannosylglycerate synthase

Cat. No. EXWM-2500

Lot. No. (See product label)

Introduction

Description Rhodothermus marinus can also form mannosylglycerate via a two-step pathway catalysed by EC 2.4.1.217 (mannosyl-3-phosphoglycerate synthase) and EC 3.1.3.70 (mannosyl-3-phosphoglycerate phosphatase). Depending on experimental conditions mannosylglycerate synthase is more or less specific for the GDP-mannose and D-glycerate.

Product Information

Form Liquid or lyophilized powder

EC Number EC 2.4.1.269

Reaction $\text{GDP-}\alpha\text{-D-mannose} + \text{D-glycerate} = \text{GDP} + 2\text{-O-}(\alpha\text{-D-mannopyranosyl})\text{-D-glycerate}$

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.