Creative Enzymes®

UDP-sulfoquinovose synthase

Cat. No. EXWM-3778

Lot. No. (See product label)

Introduction

Description	Requires NAD+, which appears to oxidize UDP-α-D-glucose to UDP-4-dehydroglucose, which dehydrates to UDP-4-dehydro-6-deoxygluc-5-enose, to which sulfite is added. The reaction is completed when the substrate is rehydrogenated at C-4. The enzyme from Arabidopsis thaliana is specific for UDP-Glc and sulfite.
Synonyms	sulfite:UDP-glucose sulfotransferase; UDPsulfoquinovose synthase; UDP-6-sulfo-6-deoxyglucose sulfohydrolase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.13.1.1
Reaction	UDP-α-D-sulfoquinovopyranose + H2O = UDP-α-D-glucose + sulfite
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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.