

flavonol-3-O-glucoside glucosyltransferase

Cat. No. EXWM-2467

Lot. No. (See product label)

Introduction

Description One of three specific glucosyltransferases in pea (*Pisum sativum*) that successively add a β -D-glucosyl group first to O-3 of kaempferol, and then to O-2 of the previously added glucosyl group giving the 3-O-sophoroside and then the 3-O-sophorotrioside (see also EC 2.4.1.91, flavonol 3-O-glucosyltransferase and EC 2.4.1.240, flavonol-3-O-glycoside glucosyltransferase). TDP-glucose can replace UDP-glucose as the glucose donor but the reaction proceeds more slowly.

Synonyms UDP-glucose:flavonol-3-O-glucoside 2''-O- β -D-glucosyltransferase

Product Information

Form Liquid or lyophilized powder

EC Number EC 2.4.1.239

Reaction UDP-glucose + a flavonol 3-O- β -D-glucoside = UDP + a flavonol 3-O- β -D-glucosyl-(1 \rightarrow 2)- β -D-glucoside

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.