

## glucoside 3-dehydrogenase

Cat. No. EXWM-0446

Lot. No. (See product label)

### Introduction

**Description** A flavoprotein (FAD). The enzyme acts on D-glucose, D-galactose, D-glucosides and D-galactosides, but D-glucosides react more rapidly than D-galactosides.

**Synonyms** D-glucoside 3-dehydrogenase; D-aldohepyranoside dehydrogenase; D-aldohepyranoside:cytochrome c oxidoreductase; D-glucoside 3-dehydrogenase; hexopyranoside-cytochrome c oxidoreductase; D-aldohepyranoside:(acceptor) 3-oxidoreductase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 1.1.99.13

**CAS No.** 9031-74-7

**Reaction** sucrose + acceptor = 3-dehydro- $\alpha$ -D-glucosyl- $\beta$ -D-fructofuranoside + reduced acceptor

**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.