

## 8-demethylnovobiocic acid synthase

Cat. No. EXWM-5718

Lot. No. (See product label)

### Introduction

**Description** The enzyme is involved in the biosynthesis of the aminocoumarin antibiotic novobiocin.

**Synonyms** novL (gene name); novobiocin ligase; novobiocic acid synthetase (misleading); 8-desmethyl-novobiocic acid synthetase; 8-demethylnovobiocic acid synthetase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 6.3.1.15

**Reaction**  $\text{ATP} + 3\text{-dimethylallyl-4-hydroxybenzoate} + 3\text{-amino-4,7-dihydroxycoumarin} = \text{AMP} + \text{diphosphate} + 8\text{-demethylnovobiocic acid}$

**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.