

## neopentalenolactone D synthase

Cat. No. EXWM-0769

Lot. No. (See product label)

### Introduction

**Description** A FAD-dependent oxygenase. Isolated from the bacterium *Streptomyces avermitilis*. The ketone undergoes a biological Baeyer-Villiger reaction.

**Synonyms** ptIE (gene name)

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 1.14.13.171

**Reaction** 1-deoxy-11-oxopentalenate + NADPH + H<sup>+</sup> + O<sub>2</sub> = neopentalenolactone D + NADP<sup>+</sup> + H<sub>2</sub>O

**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.