

## isovaleryl-homoserine lactone synthase

Cat. No. EXWM-2175

Lot. No. (See product label)

### Introduction

**Description** The enzyme, found in the bacterium *Bradyrhizobium japonicum*, does not accept isovaleryl-[acyl-carrier protein] as acyl donor (cf. EC 2.3.1.184, acyl-homoserine-lactone synthase).

**Synonyms** IV-HSL synthase; BjaI

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 2.3.1.228

**Reaction** isovaleryl-CoA + S-adenosyl-L-methionine = CoA + S-methyl-5'-thioadenosine + N-isovaleryl-L-homoserine lactone

**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.