

## columbamine oxidase

Cat. No. EXWM-1249

Lot. No. (See product label)

### Introduction

**Description** An iron protein. Oxidation of the O-methoxyphenol structure forms the methylenedioxy group of berberine.

**Synonyms** berberine synthase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 1.21.3.2

**CAS No.** 95329-18-3

**Reaction**  $2 \text{ columbamine} + \text{O}_2 = 2 \text{ berberine} + 2 \text{ H}_2\text{O}$

**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.