

## prostaglandin-I synthase

Cat. No. EXWM-5512

Lot. No. (See product label)

### Introduction

**Description** A cytochrome P-450 heme-thiolate enzyme. Converts prostaglandin H2 into prostaglandin I2 (prostacyclin).

**Synonyms** prostacyclin synthase; prostacycline synthetase; prostaglandin I2 synthetase; PGI2 synthase; PGI2 synthetase; (5Z,13E)-(15S)-9 $\alpha$ ,11 $\alpha$ -epidioxy-15-hydroxyprosta-5,13-dienoate 6-isomerase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 5.3.99.4

**CAS No.** 65802-86-0

**Reaction** (5Z,13E,15S)-9 $\alpha$ ,11 $\alpha$ -epidioxy-15-hydroxyprosta-5,13-dienoate = (5Z,13E,15S)-6,9 $\alpha$ -epoxy-11 $\alpha$ ,15-dihydroxyprosta-5,13-dienoate

**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.