

cob(II)yrinic acid a,c-diamide reductase

Cat. No. EXWM-1078

Lot. No. (See product label)

Introduction

Description

This enzyme also catalyses the reduction of cob(II)yrinic acid, cob(II)inamide, cob(II)inamide phosphate, GDP-cob(II)inamide and cob(II)alamin although cob(II)yrinic acid a,c-diamide is thought to be the physiological substrate. Also uses FAD and NADH but not NADPH.

Synonyms

cob(II)yrinic acid-a,c-diamide:FMN oxidoreductase (incorrect)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.16.8.1

CAS No.

145539-93-1

Reaction

$2 \text{ cob(I)yrinic acid a,c-diamide} + \text{FMN} + 2 \text{ H}^+ = 2 \text{ cob(II)yrinic acid a,c-diamide} + \text{FMNH}_2$

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.