

codeine 3-O-demethylase

Cat. No. EXWM-0650

Lot. No. (See product label)

Introduction

Description

Requires Fe²⁺. Catalyses a step in morphine biosynthesis. The enzyme also catalyses the 3-O-demethylation of thebaine to oripavine, with lower efficiency.

Synonyms

codeine O-demethylase; CODM

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.14.11.32

Reaction

codeine + 2-oxoglutarate + O₂ = morphine + formaldehyde + succinate + CO₂

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.