Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.