

(-)-deoxypodophyllotoxin synthase

Cat. No. EXWM-0669

Lot. No. (See product label)

Introduction

Description The enzyme, characterized from the plant Sinopodophyllum hexandrum, is involved in the biosynthetic pathway of podophyllotoxin, a non-alkaloid toxin lignan whose derivatives are important anticancer drugs. It catalyses the closure of the central six-membered ring in the aryltetralin scaffold.

Synonyms 2-ODD (gene name)

Product Information

Form Liquid or lyophilized powder

EC Number EC 1.14.11.50

Reaction (-)-yatein + 2-oxoglutarate + O₂ = (-)-deoxypodophyllotoxin + succinate + CO₂ + H₂O

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.