

bursehernin 5'-monooxygenase

Cat. No. EXWM-0815

Lot. No. (See product label)

Introduction

Description This cytochrome P450 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.

Synonyms CYP71CU1 (gene name); bursehernin 5'-hydroxylase

Product Information

Form Liquid or lyophilized powder

EC Number EC 1.14.13.213

Reaction (-)-bursehernin + NADPH + H⁺ + O₂ = (-)-5'-demethyleatein + NADP⁺ + 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.