

2'-hydroxyisoflavone reductase

Cat. No. EXWM-1317

Lot. No. (See product label)

Introduction

Description

In the reverse reaction, a 2'-hydroxyisoflavone is reduced to an isoflavanone; 2'-hydroxypseudobaptigenin also acts. Involved in the biosynthesis of the pterocarpin phytoalexins medicarpin and maackiain.

Synonyms

NADPH:2'-hydroxyisoflavone oxidoreductase; isoflavone reductase; 2',7-dihydroxy-4',5'-methylenedioxyisoflavone reductase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.3.1.45

CAS No.

128449-69-4

Reaction

vestitone + NADP+ = 2'-hydroxyformononetin + NADPH + H+

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.