

2-hydroxyisoflavanone synthase

Cat. No. EXWM-0894

Lot. No. (See product label)

Introduction

Description A heme-thiolate protein (P-450). EC 4.2.1.105, 2-hydroxyisoflavanone dehydratase, acts on 2-hydroxy-2,3-dihydrogenistein with loss of water and formation of genistein. This may occur spontaneously.

Product Information

Form Liquid or lyophilized powder

EC Number EC 1.14.13.86

CAS No. 168680-18-0

Reaction apigenin + 2 NADPH + 2 H⁺ + O₂ = 2-hydroxy-2,3-dihydrogenistein + 2 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.