

Botanical powder containing ACTIVE Thioglucosidase/Myosinase, Food Grade

Cat. No. EXWM-3830

Lot. No. (See product label)

Introduction

Description

Myrosinases are present in many bacteria, fungi, and edible plants, including those of the Brassicaceae (Cruciferae) family. The enzyme hydrolyzes the S-glucosidic bond of a glucosinolate substrate to form an unstable aglycone that rearranges with the loss of sulfate primarily to the isothiocyanate, though thiocyanates and nitriles are also formed. Many of the isothiocyanate products of aliphatic and aromatic glucosinolates have cancer chemopreventive properties.

Product Information

Form Green / Tan powder

EC Number EC 3.2.1.147

CAS No. 9025-38-1

Activity >80 u/g

Reaction a thioglucoside + H₂O = a sugar + a thiol

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 Humidity Protected at temperatures below 25°C