

bromide peroxidase

Cat. No. EXWM-0499

Lot. No. (See product label)

Introduction

Description

Bromoperoxidases of red and brown marine algae (Rhodophyta and Phaeophyta) contain vanadate. They catalyse the bromination of a range of organic molecules such as sesquiterpenes, forming stable C-Br bonds. Bromoperoxidases also oxidize iodides.

Synonyms

bromoperoxidase; haloperoxidase (ambiguous); eosinophil peroxidase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.11.1.18

Reaction

$\text{RH} + \text{HBr} + \text{H}_2\text{O}_2 = \text{RBr} + 2 \text{H}_2\text{O}$

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.