

benzoate O-methyltransferase

Cat. No. EXWM-1879

Lot. No. (See product label)

Introduction

Description

While the enzyme from the plant *Zea mays* is specific for benzoate, the enzymes from *Arabidopsis* species and *Clarkia breweri* also catalyse the reaction of EC 2.1.1.274, salicylate 1-O-methyltransferase. In snapdragon (*Antirrhinum majus*) two isoforms are found, one specific for benzoate and one that is also active towards salicylate. The volatile product is an important scent compound in some flowering species.

Synonyms

BAMT; S-adenosyl-L-methionine:benzoic acid carboxyl methyltransferase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.1.1.273

Reaction

S-adenosyl-L-methionine + benzoate = S-adenosyl-L-homocysteine + methyl benzoate

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.