Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.