squalene methyltransferase

Cat. No. EXWM-1867

Lot. No. (See product label)

Introduction

Description	Two isoforms differing in their specificity were isolated from the green alga Botryococcus braunii BOT22. TMT-1 gave more of the dimethylated form whereas TMT2 gave more of the monomethylated form.
Synonyms	TMT-1; TMT-2

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.1.1.262
Reaction	2 S-adenosyl-L-methionine + squalene = 2 S-adenosyl-L-homocysteine + 3,22-dimethyl-1,2,23,24-tetradehydro-2,3,22,23-tetrahydrosqualene (overall reaction); (1a) S-adenosyl-L-methionine + squalene = S-adenosyl-L-homocysteine + 3-methyl-1,2-didehydro-2,3-dihydrosqualene; (1b) S-adenosyl-L-methionine + 3-methyl-1,2-didehydro-2,3-dihydrosqualene = S-adenosyl-L-homocysteine + 3,22-dimethyl-1,2,23,24-tetradehydro-2,3,22,23-tetrahydrosqualene
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 ℃.