Creative Enzymes®

inositol 4-methyltransferase

Cat. No. EXWM-1726

Lot. No. (See product label)

Introduction

Description	The enzyme from the rice bean Vigna umbellata (Fabaceae) is highly specific for S-adenosyl-L-methionine. The enzyme also methylates 1L-1,2,4/3,5-cyclohexanepentol, 2,4,6/3,5-pentahydroxycyclohexanone, D,L-2,3,4,6/5-pentacyclohexanone and 2,2'-anhydro-2-C-hydroxymethyl-myo-inositol, but at lower rates than that of myo-inositol.
Synonyms	myo-inositol 4-O-methyltransferase; S-adenosyl-L-methionine:myo-inositol 4-O-methyltransferase; myo-inositol 6-O-methyltransferase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.1.1.129
CAS No.	169277-48-9
Reaction	S-adenosyl-L-methionine + myo-inositol = S-adenosyl-L-homocysteine + 1D-4-O-methyl-myo-inositol
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 ℃.