Creative Enzymes®

protein-L-isoaspartate(D-aspartate) O-methyltransferase

Cat. No. EXWM-1978

Lot. No. (See product label)

Introduction

Description	D-Aspartate (but not L-aspartate) residues in proteins can also act as acceptors. Previously also listed as EC 2.1.1.24.
Synonyms	protein-L-isoaspartate O-methyltransferase; protein-β-aspartate O-methyltransferase; D-aspartyl/L-isoaspartyl methyltransferase; L-isoaspartyl/D-aspartyl protein carboxyl methyltransferase; protein (D-aspartate) methyltransferase; protein D-aspartate methyltransferase; protein L-isoaspartate methyltransferase; protein L-isoaspartyl methyltransferase; protein O-methyltransferase (L-isoaspartate); L-aspartyl/L-isoaspartyl protein methyltransferase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.1.1.77
CAS No.	105638-50-4
Reaction	S-adenosyl-L-methionine + protein L-isoaspartate = S-adenosyl-L-homocysteine + protein L-isoaspartate α-methyl ester
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 ℃.