Creative Enzymes®

adenosyl-chloride synthase

Cat. No. EXWM-2833

Lot. No. (See product label)

Introduction

Description	This enzyme, isolated from the marine bacterium Salinispora tropica, catalyses an early step in the pathway leading to biosynthesis of the proteosome inhibitor salinosporamide A. The enzyme is very similar to EC 2.5.1.63, adenosyl-fluoride synthase, but does not accept fluoride.
Synonyms	chlorinase; 5'-chloro-5'-deoxyadenosine synthase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.5.1.94
Reaction	S-adenosyl-L-methionine + chloride = 5-deoxy-5-chloroadenosine + L-methionine
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 ℃.