

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 proteasome 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 °C for short term. For long term storage, store it at -20 °C~-80 °C.