Creative Enzymes®

S-Adenosyl methionine (32 mM)

Cat. No. COV-013

Lot. No. (See product label)

Introduction

Description	S-Adenosyl methionine (SAM) is an auxiliary substrate involved in methyl transfer reaction. It is synthesized in vivo by adenosine triphosphate and methionine under the action of Methionine adenosyltransferase. SAM is prepared in 0.01 M HCL and 10% ETOH and filtered.
Applications	For the methylation reaction experimentation, SAM can be diluted 400 times to the final concentration of 80 μM.

Product Information

Form	Colorless transparent liquid
CAS No.	29908-03-0
Purity	>90% (S, S >75%)
Endotoxin Level	< 1EU/ml

Storage and Shipping Information

Storage	at -25 to -15 °C (Avoid repeated freeze-thaw cycles)