

## 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)