

# Ademetionine

Catalog No: tcsc2851



## Available Sizes

**Size:** 50mg

**Size:** 100mg

**Size:** 500mg



## Specifications

**CAS No:**

29908-03-0

**Formula:**

$C_{15}H_{22}N_6O_5S$

**Pathway:**

Others

**Target:**

Others

**Purity / Grade:**

>98%

**Solubility:**

H2O :  $\geq 43$  mg/mL (107.92 mM); DMSO : 100 mg/mL (250.98 mM; Need ultrasonic)

**Alternative Names:**

S-Adenosyl-L-methionine;S-Adenosyl methionine;SAdMe;AdoMet

**Observed Molecular Weight:**

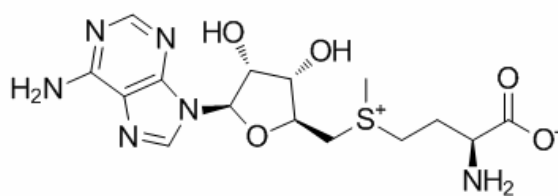
398.44

## Product Description

Ademetionine(S-adenosyl-I-methionine; SAmE) is a naturally-occurring substance which is a major source of methyl groups in the brain.

Target: Others

S-adenosyl-I-methionine (SAmE) is a naturally-occurring substance which is a major source of methyl groups in the brain. The efficacy of SAmE in treating depressive syndromes and disorders is superior with that of placebo and comparable to that of standard tricyclic antidepressants. Since SAmE is a naturally occurring compound with relatively few side-effects, it is a potentially important treatment for depression [1]. S-adenosylmethionine (SAmE) is a dietary supplement used in the management of osteoarthritis (OA) symptoms. Studies evaluating SAmE in the management of OA have been limited to Non Steroidal Anti-inflammatory Drugs (NSAIDs) for comparison. The present study compares the effectiveness of SAmE to a cyclooxygenase-2 (COX-2) inhibitor (celecoxib) for pain control, functional improvement and to decrease side effects in people with osteoarthritis of the knee [2].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!