# Data Sheet (Cat.No.T7475)



# S-Adenosyl-L-methionine

### **Chemical Properties**

CAS No.: 29908-03-0

Formula: C15H22N6O5S

Molecular Weight: 398.44

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

$$0 \xrightarrow{\text{NH}_2} 0 \xrightarrow{\text{N}_2} 0 \xrightarrow$$

## **Biological Description**

	S-Adenosyl-L-methionine (Ademetionine) is an intermediate metabolite of methionine, for treatment of primary biliary cirrhosis and major depressive disorder.
Targets(IC50)	Others, Endogenous Metabolite

#### **Solubility Information**

Solubility	H2O: 43 mg/mL (107.92 mM),	
€	DMSO: 100 mg/mL (250.98 mM),	
	(< 1 mg/ml refers to the product slightly soluble or insoluble)	

# **Preparing Stock Solutions**

	1mg	5mg	10mg
1 mM	2.5098 mL	12.5489 mL	25.0979 mL
5 mM	0.502 mL	2.5098 mL	5.0196 mL
10 mM	0.251 mL	1.2549 mL	2.5098 mL
50 mM	0.0502 mL	0.251 mL	0.502 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

#### Reference

Liang S, Zhao W, Chen Y, et al.A comparative investigation of catalytic mechanism and domain between catechol-O-methyltransferase isoforms by isomeric shikonin and alkannin.International Journal of Biological

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:36 Washington Street, Wellesley Hills, MA 02481

Page 1 of 1 www.targetmol.com