Creative Enzymes®

R,S-(5'-Adenosyl)-L-methionine p-toluenesulfonate salt

Cat. No. COEC-088

Lot. No. (See product label)

Introduction

Description	S-(5'-Adenosyl)-L-methionine p-toluenesulfonate salt is a methyl donor and cofactor for enzyme-catalyzed methylations, including catechol O-methyltransferase (COMT) and DNA methyltransferases (DNMT). While present in all cells, S-(5'-Adenosyl)-L-methionine p-toluenesulfonate salt is concentrated in cells liver where 85% of all methylation reactions occur.
Applications	A methyl donor and cofactor for enzyme-catalyzed methylations
Synonyms	SAM p-toluenesulfonate salt

Product Information

Appearance	Powder
Form	Solid
CAS No.	17176-17-9
Molecular Formula	C15H23N6O5S•C7H7O3S
Molecular Weight	570.645
Purity	≥97%
Melting Point	70-90° C
Solubility	Soluble in Water 100 mg/mL