

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