

## **S-(5'-Adenosyl)-L-methionine-13C5 Sulfate Salt (Synthetic) (Mixture of Diastereomers)**

Art. ID TRC-A291533-5MG  
Unit 5 mg  
Deliverydetails No Dangerous Good

### Description

Category: Amino Acids and Derivatives, Carbohydrates and Derivatives, Isotope Labelled Compounds, Nucleotides, Bases and Related Reagents, Sulfur and Selenium Compounds /// Appearance: Off-White Solid /// Application Notes: Labelled S-(5'-Adenosyl)-L-methionine Disulfate Salt (A291530). Methyl donor, cofactor for enzyme-catalyzed methylations, including catechol O-methyltransferase (COMT) and DNA methyltransferases (DNMT). Although present in all cells, it is concentrated in liver where 85% of all methylation reactions occur. It is also involved in regulating liver function, growth, and response to injury. /// References: Friedel, H., et al.: Drugs, 38, 389 (1989), Lu, S., et al.: Int. J. Biochem. Cell Biol., 32, 391 (2000)

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
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