



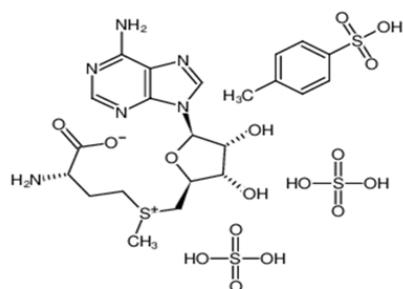
S-Adenosyl-L-methionine disulfate tosylate (CAS: 97540-22-2)

Catalog #: EBC52230

Biological Activity

Synonym(s)	Ademetionine disulfate tosylate; S-Adenosyl methionine disulfate tosylate; AdoMet disulfate tosylate
Application	S-Adenosyl-L-methionine disulfate tosylate can regulate the cell cycle progression of Cal-33 and JHU-SCC-011 cells and reduce the expression of cyclins B1, E1 and D1.
CAS Number	97540-22-2
Purity	≥98.0%
Molecular Weight	766.8
Molecular Formula	C ₂₂ H ₃₄ N ₆ O ₁₆ S ₄
SMILES	<chem>N[C@@H](CC[S+](C[C@@H]1[C@H]([C@H]([C@H](N2C=NC3=C2N=CN=C3N)O1)O)O)C(O)=O.O=S(O)([O-])=O.O=S(O)(O)=O.OS(=O)(C4=CC=C(C)C=C4)=O</chem>
Shipping	Gel Pack
Storage	Store at -20° C

Molecular Structure



Solubility

DMSO: ≥ 50 mg/mL (65.21 mM)
Water: 33.33 mg/mL (43.47 mM)
PS: < 1 mg/ml refers to the product insoluble

Product Description

S-Adenosyl-L-methionine disulfate tosylate is a methyl donor and cofactor. It is involved in a variety of biological processes, including epigenetic regulation, post-translational modification of proteins and metabolism. Preparations containing S-Adenosyl-L-methionine disulfate tosylate have been used as dietary supplements. S-Adenosyl-L-methionine disulfate tosylate also exhibits antiproliferative, pro-apoptotic and anti-metastatic effects in human cancers.

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