

## S-Adenosyl-L-ethionine

## Chemical Properties

CAS No. :	524-70-9
Formula:	C <sub>16</sub> H <sub>24</sub> N <sub>6</sub> O <sub>5</sub> S
Molecular Weight:	412.47
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

## Biological Description

Description	S-Adenosyl-L-ethionine is an analog of S-Adenosyl-L-methionine. During the HydG-catalyzed process, S-Adenosyl-L-ethionine can replace S-Adenosyl-L-methionine. Under standard enzymatic reaction conditions, HydG effectively utilizes S-Adenosyl-L-ethionine as a substitute co-substrate for S-Adenosyl-L-methionine, producing an $\Omega$ intermediate that facilitates the efficient catalytic conversion of the substrate L-tyrosine.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4244 mL	12.1221 mL	24.2442 mL
5 mM	0.4849 mL	2.4244 mL	4.8488 mL
10 mM	0.2424 mL	1.2122 mL	2.4244 mL
50 mM	0.0485 mL	0.2424 mL	0.4849 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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