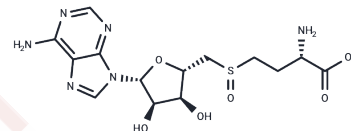


## SAHO

## Chemical Properties

CAS No. :	29907-86-6
Formula:	C <sub>14</sub> H <sub>20</sub> N <sub>6</sub> O <sub>6</sub> S
Molecular Weight:	400.41
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	SAHO is a catechol-O-methyltransferase (COMT) inhibitor with an IC <sub>50</sub> value of 860 μM, and can be used in research related to methylation reaction regulators.
Targets(IC <sub>50</sub> )	Transferase

## Solubility Information

Solubility	PBS (pH 7.2): 5 mg/mL (12.49 mM), Sonication is recommended. DMSO: 15 mg/mL (37.46 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4974 mL	12.4872 mL	24.9744 mL
5 mM	0.4995 mL	2.4974 mL	4.9949 mL
10 mM	0.2497 mL	1.2487 mL	2.4974 mL
50 mM	0.0499 mL	0.2497 mL	0.4995 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.

## Reference

Coward J K, et al. Inhibition of catechol-O-methyltransferase by S-adenosylhomocysteine and S-adenosylhomocysteine sulfoxide, a potential transition-state analog[J]. Biochemical pharmacology, 1972, 21(8): 1200-1203.

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