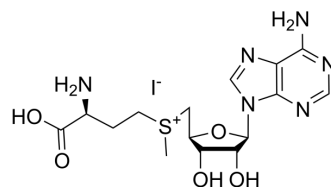


## S-Adenosyl-L-methionine iodide

<b>Cat. No.:</b>	HY-14614D
<b>CAS No.:</b>	3493-13-8
<b>Molecular Formula:</b>	C <sub>15</sub> H <sub>23</sub> IN <sub>6</sub> O <sub>5</sub> S
<b>Molecular Weight:</b>	526.35
<b>Target:</b>	Endogenous Metabolite
<b>Pathway:</b>	Metabolic Enzyme/Protease
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	S-(5'-Adenosyl)-L-methionine iodide (S-Adenosyl-L-methionine iodide) is an important methyl donor that is found in all living organisms <sup>[1]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	Human Endogenous Metabolite
<b>In Vitro</b>	By donating the methyl group, substances that involve perchloric acid extraction has been SAM is converted into S-adenosyl-L-homocysteine reported by She et al. Separation of SAM and (SAH) <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### CUSTOMER VALIDATION

- J Agric Food Chem. 2021 Jul 30.
- Int Immunopharmacol. 2021 Mar 22;95:107545.
- Molecules. 2023 Apr 11, 28(8), 3375.
- Epigenetics Chromatin. 2021 Dec 4;14(1):52.
- bioRxiv. 2023 Jun 1.

See more customer validations on [www.MedChemExpress.com](http://www.MedChemExpress.com)

### REFERENCES

[1]. W Wang, et al. Reversed-phase high-performance liquid chromatography procedure for the simultaneous determination of S-adenosyl-L-methionine and S-adenosyl-L-homocysteine in mouse liver and the effect of methionine on their concentrations. J Chromatogr B Biomed Sci Appl. 2001 Oct 5;762(1):59-65.

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**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA