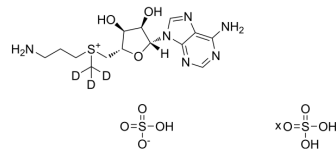


## (S)-Adenosylmethionine decarboxylated-d3 (sulfuric)

<b>Cat. No.:</b>	HY-133158S
<b>Molecular Formula:</b>	C <sub>14</sub> H <sub>21</sub> D <sub>3</sub> N <sub>6</sub> O <sub>7</sub> S <sub>2</sub> ·xH <sub>2</sub> SO <sub>4</sub>
<b>Target:</b>	Isotope-Labeled Compounds
<b>Pathway:</b>	Others
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	(S)-Adenosylmethionine decarboxylated-d3 sulfuric is the deuterium labeled (S)-Adenosylmethionine decarboxylated sulfuric <sup>[1]</sup> .
<b>In Vitro</b>	Stable heavy isotopes of hydrogen, carbon, and other elements have been incorporated into drug molecules, largely as tracers for quantitation during the drug development process. Deuteration has gained attention because of its potential to affect the pharmacokinetic and metabolic profiles of drugs <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### CUSTOMER VALIDATION

- Nat Metab. 2023 Jan 30.

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

### REFERENCES

[1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. Ann Pharmacother. 2019;53(2):211-216.

**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