



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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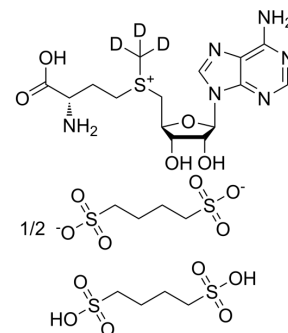
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## SAMe-1,4-Butanedisulfonate-d<sub>3</sub>

<b>Cat. No.:</b>	HY-W739056
<b>Molecular Formula:</b>	C <sub>15</sub> H <sub>23</sub> D <sub>3</sub> N <sub>6</sub> O <sub>5</sub> S.C <sub>4</sub> H <sub>10</sub> O <sub>6</sub> S <sub>2</sub> .1/2C <sub>4</sub> H <sub>8</sub> O <sub>6</sub> S <sub>2</sub>
<b>Molecular Weight:</b>	728.14
<b>Target:</b>	Isotope-Labeled Compounds; Biochemical Assay Reagents
<b>Pathway:</b>	Others
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

SAMe-1,4-Butanedisulfonate-d<sub>3</sub> is the deuterium labeled SAMe-1,4-Butanedisulfonate (HY-W105505). SAMe-1,4-Butanedisulfonate, a natural compound, is a methyl donor in the central nervous system. SAMe-1,4-Butanedisulfonate has antidepressant activity. SAMe-1,4-Butanedisulfonate can be used for research of CNS disorders<sup>[1]</sup>

### REFERENCES

[1]. Delle Chiaie R, et al. Efficacy and tolerability of oral and intramuscular S-adenosyl-L-methionine 1,4-butanedisulfonate (SAMe) in the treatment of major depression: comparison with imipramine in 2 multicenter studies. *Am J Clin Nutr.* 2002 Nov;76(5):1172S-6S.

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

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