



# 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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

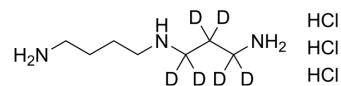
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Spermidine-d<sub>6</sub> trihydrochloride

**Cat. No.:** HY-W709575  
**Molecular Formula:** C<sub>7</sub>H<sub>16</sub>D<sub>6</sub>Cl<sub>3</sub>N<sub>3</sub>  
**Molecular Weight:** 260.67  
**Target:** Isotope-Labeled Compounds  
**Pathway:** Others  
**Storage:** -20°C, sealed storage, away from moisture  
 \* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



### SOLVENT & SOLUBILITY

#### In Vitro

H<sub>2</sub>O : 50 mg/mL (191.81 mM; Need ultrasonic)

|                              | Solvent<br>Concentration | Mass | 1 mg      | 5 mg       | 10 mg      |
|------------------------------|--------------------------|------|-----------|------------|------------|
|                              |                          |      |           |            |            |
| Preparing<br>Stock Solutions | 1 mM                     |      | 3.8363 mL | 19.1813 mL | 38.3627 mL |
|                              | 5 mM                     |      | 0.7673 mL | 3.8363 mL  | 7.6725 mL  |
|                              | 10 mM                    |      | 0.3836 mL | 1.9181 mL  | 3.8363 mL  |

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

Spermidine-d<sub>6</sub> trihydrochloride is the deuterium labeled Spermidine-d<sub>6</sub> (trihydrochloride) (HY-W709575)<sup>[1]</sup>.

### REFERENCES

[1]. Russak, et al. Impact of deuterium substitution on the pharmacokinetics of pharmaceuticals. Annals of Pharmacotherapy 53.2 (2019): 211-241.

**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

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