



# 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 Handels GmbH

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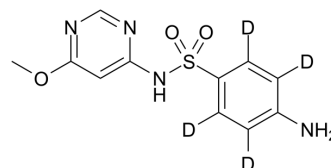
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## Sulfamonomethoxine-d4

|                    |                                                                                           |
|--------------------|-------------------------------------------------------------------------------------------|
| Cat. No.:          | HY-B0946S                                                                                 |
| CAS No.:           | 1286538-12-2                                                                              |
| Molecular Formula: | C <sub>11</sub> H <sub>8</sub> D <sub>4</sub> N <sub>4</sub> O <sub>3</sub> S             |
| Molecular Weight:  | 284.33                                                                                    |
| Target:            | Bacterial                                                                                 |
| Pathway:           | Anti-infection                                                                            |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis. |



### BIOLOGICAL ACTIVITY

#### Description

Sulfamonomethoxine-d4 is a deuterium labeled Sulfamonomethoxine. Sulfamonomethoxine is a long acting sulfonamide antibacterial agent, used in blood kinetic studies, and blocks the synthesis of folic acid by inhibiting synthetase of dihydropteroate<sup>[1]</sup>.

### REFERENCES

[1]. Ryuji Ueno. Pharmacokinetics and Bioavailability of Sulfamonomethoxine in Cultured Eel. Fish Pathology, 33(4), 297-301, 1998.10.

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

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