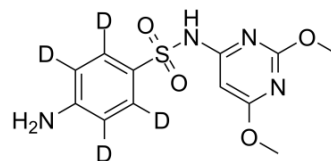


## Sulfadimethoxine D4

Cat. No.:	HY-B0337S
CAS No.:	1020719-80-5
Molecular Formula:	C <sub>12</sub> H <sub>10</sub> D <sub>4</sub> N <sub>4</sub> O <sub>4</sub> S
Molecular Weight:	314.35
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the COA.



### BIOLOGICAL ACTIVITY

#### Description

Sulfadimethoxine D4 is a deuterium labeled Sulfadimethoxine (Sulphadimethoxine). Sulfadimethoxine is a sulfonamide antibiotic used to treat many infections including treatment of respiratory, urinary tract, enteric, and soft tissue infections<sup>[1]</sup>.

### REFERENCES

- [1]. Guerard JJ, et al. Photochemical fate of sulfadimethoxine in aquaculture waters. Environ Sci Technol. 2009 Nov 15;43(22):8587-92.
- [2]. AGUIRRE M, [Sulfadimethoxine in various infections. Results]. Rev Clin Esp. 1961 Sep 30;82:394-9.

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

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