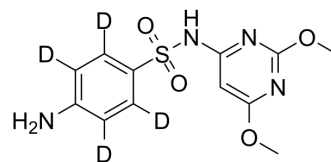


## Sulfadimethoxine-d<sub>4</sub>

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:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



### BIOLOGICAL ACTIVITY

#### Description

Sulfadimethoxine-d<sub>4</sub> 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[1].

### 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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