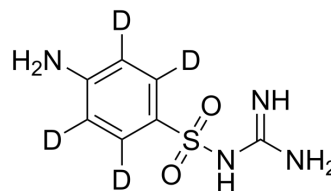


## Sulfaguanidine-d<sub>4</sub>

Cat. No.:	HY-B1267S
Molecular Formula:	C <sub>7</sub> H <sub>6</sub> D <sub>4</sub> N <sub>4</sub> O <sub>2</sub> S
Molecular Weight:	218.27
Target:	Antibiotic; Bacterial; Isotope-Labeled Compounds
Pathway:	Anti-infection; Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Sulfaguanidine-d<sub>4</sub> is the deuterium labeled Sulfaguanidine. Sulfaguanidine, belongs to the class of sulfonamide agent, is an orally active antibiotic. Sulfaguanidine can be used for the research of enteric infections such as bacillary dysentery[1][2].

### REFERENCES

[1]. Abidi SSA, et al. Sulfaguanidine cocrystals: Synthesis, structural characterization and their antibacterial and hemolytic analysis. J Pharm Biomed Anal. 2018;149:351-357.

[2]. Mizuno N, et, al. Gastrointestinal absorption of sulfaguanidine in neonatal and adult rats. J Pharmacobiodyn. 1986 Oct;9(10):787-92.

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

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