Sulfamerazine D4

**Cat. No.:** HY-B0512S  
**CAS No.:** 1020719-84-9  
**Molecular Formula:** C₁₁H₈D₄N₄O₂S  
**Molecular Weight:** 268.33  
**Target:** Bacterial  
**Pathway:** Anti-infection  
**Storage:** Please store the product under the recommended conditions in the COA.

### BIOLOGICAL ACTIVITY

**Description**  
Sulfamerazine D4 is a deuterium labeled Sulfamerazine. Sulfamerazine, a sulfonamide antibacterial, inhibits bacterial synthesis of dihydrofolic acid by competing with para-aminobenzoic acid (PABA) for binding to dihydropteroate synthesizes[1].

### REFERENCES


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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