

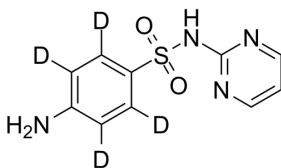
## Sulfadiazine-d4

Cat. No.: HY-B0273S  
CAS No.: 1020719-78-1  
Batch No.: 102710  
Chemical Name: Benzene-2,3,5,6-d4-sulfonamide, 4-amino-N-2-pyrimidinyl-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>10</sub>H<sub>6</sub>D<sub>4</sub>N<sub>4</sub>O<sub>2</sub>S  
Molecular Weight: 254.30  
Storage: Powder      -20°C    3 years  
                                  4°C      2 years  
                                  In solvent   -80°C    6 months  
  -20°C    1 month

### Chemical Structure:



### ANALYTICAL DATA

Appearance: Light yellow to light brown (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
LCMS: Consistent with structure  
Purity (LCMS): 98.12%  
Isotopic Enrichment: ≥98.0%  
Conclusion: The product has been tested and complies with the given specifications.

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

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