

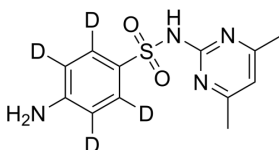
## Sulfamethazine-d<sub>4</sub>

Cat. No.: HY-B0035S  
CAS No.: 1020719-82-7  
Batch No.: 233868  
Chemical Name: Benzene-2,3,5,6-d<sub>4</sub>-sulfonamide, 4-amino-N-(4,6-dimethyl-2-pyrimidinyl)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>12</sub>H<sub>10</sub>D<sub>4</sub>N<sub>4</sub>O<sub>2</sub>S  
Molecular Weight: 282.35  
Storage: Powder -20°C 3 years  
In solvent -80°C 6 months  
-20°C 1 month

### Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
LCMS: Consistent with structure  
Purity (LCMS): 99.91%  
Isotopic Enrichment: 99.80%  
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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