

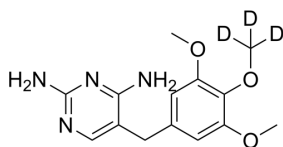
## Trimethoprim-d<sub>3</sub>

Cat. No.: HY-B0510S2  
CAS No.: 1189923-38-3  
Batch No.: 151973  
Chemical Name: 2,4-Pyrimidinediamine, 5-[[3,5-dimethoxy-4-(methoxy-d<sub>3</sub>)phenyl]methyl]-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>14</sub>H<sub>15</sub>D<sub>3</sub>N<sub>4</sub>O<sub>3</sub>  
Molecular Weight: 293.34  
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: White to off-white (Solid)  
MS: Consistent with structure  
Purity (HPLC): 98.24%  
Isotopic Enrichment: 99.2%  
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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