

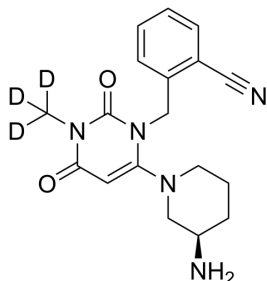
## Alogliptin-d<sub>3</sub>

Cat. No.: HY-A0023AS1  
CAS No.: 1133421-35-8  
Batch No.: 253115  
Chemical Name: Benzonitrile, 2-[[6-[[[(3R)-3-amino-1-piperidiny]-3,4-dihydro-3-(methyl-d<sub>3</sub>)-2,4-dioxo-1(2H)-pyrimidinyl]methyl]-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>18</sub>H<sub>18</sub>D<sub>3</sub>N<sub>5</sub>O<sub>2</sub>  
Molecular Weight: 342.41  
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)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
LCMS: Consistent with structure  
Purity (HPLC): 99.61%  
Isotopic Enrichment: 99.40%  
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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