

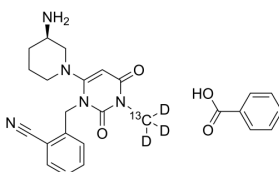
## Alogliptin-<sup>13</sup>C,<sub>3</sub>D<sub>3</sub> (benzoate)

Cat. No.: HY-A0023AS2  
Batch No.: 280901  
Chemical Name: (R)-2-((6-(3-Aminopiperidin-1-yl)-3-(methyl-<sup>13</sup>C-d<sub>3</sub>)-2,4-dioxo-3,4-dihydropyrimidin-1(2H)-yl)methyl)benzotrile (Benzoate)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>24</sub><sup>13</sup>CH<sub>24</sub>D<sub>3</sub>N<sub>5</sub>O<sub>4</sub>  
Molecular Weight: 465.52  
Storage: -20°C, sealed storage, away from moisture  
\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
Purity (HPLC): 98.77%  
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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