

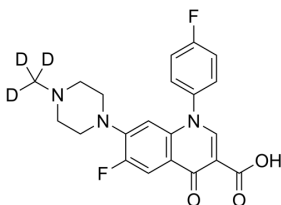
## Difloxacin-d<sub>3</sub>

Cat. No.: HY-121272AS2  
CAS No.: 1173147-93-7  
Batch No.: 256813  
Chemical Name: 6-Fluoro-1-(4-fluorophenyl)-7-(4-(methyl-d<sub>3</sub>)piperazin-1-yl)-4-oxo-1,4-dihydroquinoline-3-carboxylic acid

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>21</sub>H<sub>16</sub>D<sub>3</sub>F<sub>2</sub>N<sub>3</sub>O<sub>3</sub>  
Molecular Weight: 402.41  
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)  
Purity: ≥98.0%  
Isotopic Enrichment: 99.30%  
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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