

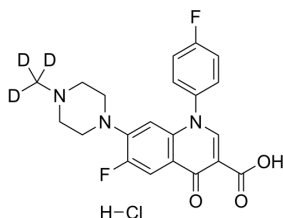
## Difloxacin-d<sub>3</sub> (hydrochloride)

Cat. No.: HY-121272AS1  
 CAS No.: 1173021-89-0  
 Batch No.: 244359  
 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 hydrochloride

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>21</sub>H<sub>17</sub>D<sub>3</sub>ClF<sub>2</sub>N<sub>3</sub>O<sub>3</sub>  
 Molecular Weight: 438.87  
 Storage: 4°C, sealed storage, away from moisture and light  
 \* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)

#### Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
 Purity: ≥99.0%  
 Isotopic Enrichment: 99.80%  
 C: 51.50%  
 H: 5.19%  
 N: 8.54%  
 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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA