

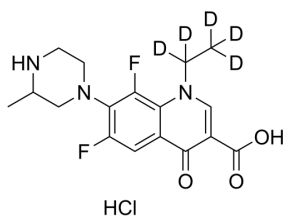
## Lomefloxacin-d<sub>5</sub> (hydrochloride)

Cat. No.: HY-B0455S  
Batch No.: 245744  
Chemical Name: 1-(Ethyl-d<sub>5</sub>)-6,8-difluoro-7-(3-methylpiperazin-1-yl)-4-oxo-1,4-dihydroquinoline-3-carboxylic acid hydrochloride

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>17</sub>H<sub>15</sub>D<sub>5</sub>ClF<sub>2</sub>N<sub>3</sub>O<sub>3</sub>  
Molecular Weight: 392.84  
Storage: 4°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)  
LCMS: Consistent with structure  
Purity (LCMS): 99.88%  
Isotopic Enrichment: 98.80%  
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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