

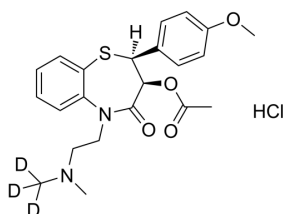
## Diltiazem-d<sub>3</sub> (hydrochloride)

Cat. No.: HY-14656S  
 CAS No.: 1217623-80-7  
 Batch No.: 254306  
 Chemical Name: Diltiazem-d<sub>3</sub> (hydrochloride)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>22</sub>H<sub>24</sub>D<sub>3</sub>ClN<sub>2</sub>O<sub>4</sub>S  
 Molecular Weight: 454.00  
 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  
 MS: Consistent with structure  
 Purity (HPLC): 98.46%  
 Isotopic Enrichment: 99.9%

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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