

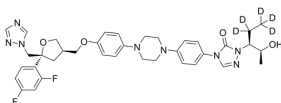
## Posaconazole-d<sub>5</sub>

Cat. No.: HY-17373S  
CAS No.: 1217785-83-5  
Batch No.: 264485  
Chemical Name: Posaconazole-D5

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>37</sub>H<sub>37</sub>D<sub>5</sub>F<sub>2</sub>N<sub>8</sub>O<sub>4</sub>  
Molecular Weight: 705.81  
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: Off-white to light yellow (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
LCMS: Consistent with structure  
Purity (LCMS): 99.14%  
Isotopic Enrichment: 99.71%  
Additional Information: d4=1.42%, d5=98.58%  
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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