

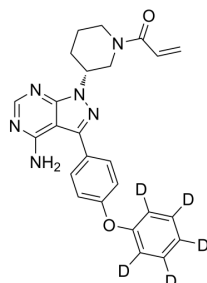
## Ibrutinib-d<sub>5</sub>

Cat. No.: HY-10997S  
 CAS No.: 1553977-17-5  
 Batch No.: 60890  
 Chemical Name: 2-Propen-1-one, 1-[(3R)-3-[4-amino-3-[4-(phenoxy-2,3,4,5,6-d<sub>5</sub>)phenyl]-1H-pyrazolo[3,4-d]pyrimidin-1-yl]-1-piperidinyl]-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>25</sub>H<sub>19</sub>D<sub>5</sub>N<sub>6</sub>O<sub>2</sub>  
 Molecular Weight: 445.53  
 Storage: Powder -20°C 3 years  
 4°C 2 years  
 In solvent -80°C 2 years  
 -20°C 1 year

Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
 LCMS: Consistent with structure  
 Purity (LCMS): 98.08%  
 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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