

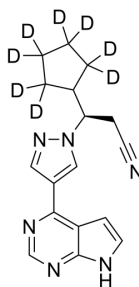
## Deuruxolitinib-d<sub>8</sub>

Cat. No.: HY-50856S  
 CAS No.: 1513883-39-0  
 Batch No.: 366278  
 Chemical Name: 1H-Pyrazole-1-propanenitrile, β-(cyclopentyl-2,2,3,3,4,4,5,5-d<sub>8</sub>)-4-(7H-pyrrolo[2,3-d]pyrimidin-4-yl)-, (βR)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>17</sub>H<sub>10</sub>D<sub>8</sub>N<sub>6</sub>  
 Molecular Weight: 314.41  
 Storage: Powder -20°C 3 years  
 In solvent -80°C 6 months  
 -20°C 1 month

Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
 LCMS: Consistent with structure  
 Purity (LCMS): 99.18%  
 Isotopic Enrichment: 99.9%  
 Additional Information: d<sub>3</sub>=0.01%, d<sub>5</sub>=0.04%, d<sub>8</sub>=99.95%  
 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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