

**Product Name** : MK-8591  
**Cat. No.** : PC-61817  
**CAS No.** : 865363-93-5  
**Batch No.** : PC-6181701  
**Chemical Name** : (2R,3S,5R)-5-(6-amino-2-fluoro-9H-purin-9-yl)-2-ethynyl-2-(hydroxymethyl)tetrahydrofuran-3-ol

## PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 293.25  
**Molecular Formula** : C<sub>12</sub>H<sub>12</sub>FN<sub>5</sub>O<sub>3</sub>  
**Storage** : Powder -20°C 12 Months  
4°C 6 Months  
In solvent -80°C 6 Months  
-20°C 1 Month



## ANALYTICAL DATA

**Appearance** : Solid powder  
**<sup>1</sup>H NMR Spectrum** : Consistent with  
**HPLC** : Consistent with  
**NP** : Consistent with  
**Purity (HPLC and/or LCMS)** : >98%  
**Conclusion** : The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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