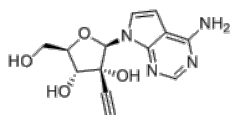


**Product Name** : NITD008  
**Cat. No.** : PC-38666  
**CAS No.** : 1044589-82-3  
**Batch No.** : PC-3866601  
**Chemical Name** : (2R,3R,4R,5R)-2-(4-amino-7H-pyrrolo[2,3-d]pyrimidin-7-yl)-3-ethynyl-5-(hydroxymethyl)tetrahydrofuran-3,4-diol

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 290.279  
**Molecular Formula** :  $C_{13}H_{14}N_4O_4$   
**Storage** : Powder -20°C 12 Months  
4°C 6 Months  
In solvent -80°C 6 Months  
-20°C 1 Month

**Chemical Structure** :



### 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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