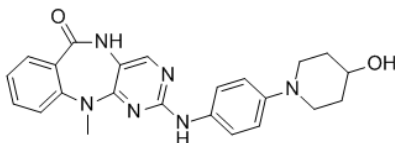


**Product Name** : XMD16-5  
**Cat. No.** : PC-42339  
**CAS No.** : 1345098-78-3  
**Batch No.** : PC-4233901  
**Chemical Name** : 6H-Pyrimido[4,5-b][1,4]benzodiazepin-6-one, 5,11-dihydro-2-[[4-(4-hydroxy-1-piperidiny)phenyl]amino]-11-methyl-

## PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 416.47566  
**Molecular Formula** : C<sub>23</sub>H<sub>24</sub>N<sub>6</sub>O<sub>2</sub>  
**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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