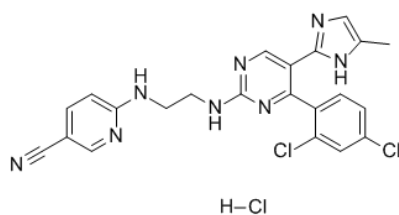


**Product Name** : CHIR-99021 monohydrochloride  
**Cat. No.** : PC-42429  
**CAS No.** : 1797989-42-4  
**Batch No.** : PC-4242901  
**Chemical Name** : 3-Pyridinecarbonitrile, 6-[[2-[[4-(2,4-dichlorophenyl)-5-(5-methyl-1H-imidazol-2-yl)-2-pyrimidinyl]amino]ethyl]amino]-, hydrochloride (1:1)

## PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 501.7989  
**Molecular Formula** : C<sub>22</sub>H<sub>19</sub>Cl<sub>3</sub>N<sub>8</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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