

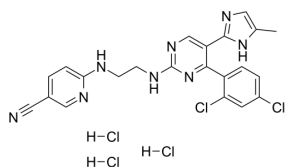
Certificate of Analysis

Product Name: CHIR-99021 (trihydrochloride)
Cat. No.: HY-10182B
CAS No.: 1782235-14-6
Batch No.: 39090
Chemical Name: 3-Pyridinecarbonitrile, 6-[[2-[[4-(2,4-dichlorophenyl)-5-(5-methyl-1H-imidazol-2-yl)-2-pyrimidinyl]amino]ethyl]amino]-, hydrochloride (1:3)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₂₂H₂₁Cl₅N₈
Molecular Weight: 574.72
Storage:
Powder -20°C 3 years
 4°C 2 years
In solvent -80°C 6 months
 -20°C 1 month

Chemical Structure:



ANALYTICAL DATA

Appearance: Light yellow to yellow (Solid)
¹H NMR Spectrum: Consistent with structure
LCMS: Consistent with structure
Purity (LCMS): 97.93%
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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