

## Certificate of Analysis

Date of Testing: 2024-06-21 09:24:41  
Date of Next Testing: 2027-06-21 09:24:41  
Product Name: **YM-244769 dihydrochloride**  
CAS Number: 1780390-65-9  
Specifications & Purity:  $\geq 98\%$  (HPLC)  
Lot #: I2109468  
SKU #: **Y286782**  
Version: **2**  
Analysis #: **373295**  
Storage Temperature: Store at -20°C, Desiccated

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.10070 %
Assay(Total nitrogen dry base)	97.5-102.5 (%)	97.50000 %
Appearance(Y286782)	White to off-white Solid	White to off-white solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager