Certificate of Analysis

Sotuletinib (hydrochloride)

Cat. No.: HY-12768A

CAS No.: 2222138-31-8

Batch No.: 262109

Chemical Name: 2-Pyridinecarboxamide, 4-[[2-[[(1R,2R)-2-hydroxycyclohexyl]amino]-6-benzothiazolyl]oxy]-N-m

ethyl-, hydrochloride (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{20}H_{23}CIN_4O_3S$

Molecular Weight: 434.94

Storage: 4°C, sealed storage, away from moisture

* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:

ANALYTICAL DATA

Appearance:

Light yellow to brown (Solid)

H NMR Spectrum:

Consistent with structure

Consistent with structure

Purity (HPLC): 98.84%

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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