Certificate of Analysis

H-89 (dihydrochloride)

Cat. No.: HY-15979A CAS No.: 130964-39-5

Batch No.: 26506

Chemical Name: 5-Isoquinolinesulfonamide, N-[2-[[3-(4-bromophenyl)-2-propen-1-yl]amino]ethyl]-, hydrochlori

de (1:2)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $\mathsf{C}_{20}\mathsf{H}_{22}\mathsf{BrCl}_2\mathsf{N}_3\mathsf{O}_2\mathsf{S}$

Molecular Weight: 519.28

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

* In solvent: -80°C, 2 years; -20°C, 1 year (sealed storage, away from moisture)

Chemical Structure:

HCI HCI

ANALYTICAL DATA

White to light yellow (Solid) Appearance: LCMS: Consistent with structure

Purity (LCMS): 99.34%

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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