Certificate of Analysis

Ritlecitinib (tosylate)

 Cat. No.:
 HY-100754C

 CAS No.:
 2192215-81-7

 Batch No.:
 348055

Chemical Name: 2-Propen-1-one, 1-[(2S,5R)-2-methyl-5-(7H-pyrrolo[2,3-d]pyrimidin-4-ylamino)-1-piperidinyl]-, 4

-methylbenzenesulfonate (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{22}H_{27}N_5O_4S$ Molecular Weight:457.55

Storage: -20°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: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 99.77%

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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