Certificate of Analysis

Brepocitinib (P-Tosylate)

Cat. No.: HY-112708A CAS No .: 2140301-96-6 Batch No.: 251367

Chemical Name: Methanone, [(1S)-2,2-difluorocyclopropyl][3-[2-[(1-methyl-1H-pyrazol-4-yl)amino]-4-pyrimidinyl

]-3,8-diazabicyclo[3.2.1]oct-8-yl]-, 4-methylbenzenesulfonate (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{25}H_{29}F_2N_7O_4S$

Molecular Weight: 561.60

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

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

Chemical Structure:

ANALYTICAL DATA

White to off-white (Solid) Appearance: ¹H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (LCMS): 99.86%

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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