Certificate of Analysis

EGFR-IN-1 (TFA)

Cat. No.: HY-19617B CAS No .: 2753348-63-7 Batch No.: 271575

Chemical Name: 2-Propenamide, N-[3-[2-[[4-[2-(dimethylamino)ethoxy]-2-methoxyphenyl]amino]-5-methyl-7-ox

opyrido[2,3-d]pyrimidin-8(7H)-yl]phenyl]-, 2,2,2-trifluoroacetate (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{30}H_{31}F_3N_6O_6$

Molecular Weight: 628.60

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

Light yellow to yellow (Solid) Appearance: ¹H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (HPLC): 99.38%

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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