Inhibitors

Certificate of Analysis

PI3K-IN-30

Cat. No.: HY-143404 CAS No.: 2281803-22-1 Batch No.: 276610

Chemical Name: Ethanol, 2-[[4-[2-(difluoromethyl)-1H-benzimidazol-1-yl]-6-(4-morpholinyl)-1,3,5-triazin-2-yl](2-

methoxyethyl)amino]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{20}H_{25}F_2N_7O_3$

Molecular Weight: 449.45

Storage: Powder -20°C 3 years

> $4^{\circ}C$ 2 years

In solvent -80°C 6 months

> -20°C 1 month

Chemical Structure:

ANALYTICAL DATA

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

Purity (HPLC): 98.21%

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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