Certificate of Analysis



HIV-1 inhibitor-45

Cat. No.: HY-150759 CAS No.: 2677762-43-3 Batch No.: 273557

Chemical Name: 2-Piperazinecarboxamide, 4-[(4-aminophenyl)sulfonyl]-N-(2-furanylmethyl)-1-(3,4,5-trihydroxyb

enzoyl)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{23}H_{24}N_4O_8S$ **Molecular Weight:** 516.52

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

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

Chemical Structure:

ANALYTICAL DATA

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

Purity (HPLC): 99.54%

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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