

Screening Libraries

Proteins

Certificate of Analysis

Fobrepodacin (disodium)

Cat. No.: HY-135655 CAS No.: 1384984-20-6

Batch No.: 325403

Chemical Name: Urea, N-ethyl-N'-[6-fluoro-5-[2-[1-methyl-1-(phosphonooxy)ethyl]-5-pyrimidinyl]-7-[(2R)-tetrahy

dro-2-furanyl]-1H-benzimidazol-2-yl]-, sodium salt (1:2)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $\mathsf{C}_{21}\mathsf{H}_{24}\mathsf{FN}_{6}\mathsf{Na}_{2}\mathsf{O}_{6}\mathsf{P}$

Molecular Weight: 552.40

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

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

Purity (HPLC): 99.53%

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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