Certificate of Analysis

Yimitasvir (diphosphate)

Cat. No.: HY-147358

CAS No.: 1959593-63-5

Batch No.: 287054

Chemical Name: Carbamic acid, N-[(1S)-2-methyl-1-[[(2S)-2-[5-[4-[(1S,4R)-1,2,3,4-tetrahydro-8-[2-[(2S)-1-[(2S)-2-[

(methoxycarbonyl)amino]-3-methyl-1-oxobutyl]-2-pyrrolidinyl]-1H-benzimidazol-6-yl]-1,4-meth anonaphthalen-5-yl]phenyl]-1H-imidazol-2-yl]-1-pyrrolidinyl]carbonyl]propyl]-, methyl ester, p

hosphate (1:2)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{49}H_{64}N_8O_{14}P_2$

Molecular Weight: 1051.03

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:

HO-P-OH HO-P-O

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (HPLC): 98.09%

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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