

XMT-1519 conjugate-1

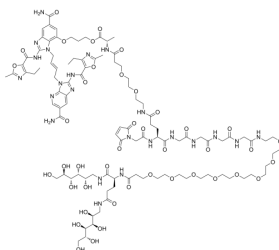
Cat. No.: HY-148067
CAS No.: 2720500-19-4
Batch No.: 285483
Chemical Name: (2S,17S,60S,66S,67R,68R,69R)-3-((5-Carbamoyl-1-((E)-4-(6-carbamoyl-2-(4-ethyl-2-methyloxazole-5-carboxamido)-3H-imidazo[4,5-b]pyridin-3-yl)but-2-en-1-yl)-2-(4-ethyl-2-methyloxazole-5-carboxamido)-1H-benzo[d]imidazol-7-yl)oxy)propyl 17-(2-(2,5-dioxo-2,5-dihydro-1H-pyrrol-1-yl)acetamido)-66,67,68,69,70-pentahydroxy-2-methyl-4,14,18,21,24,27,30,58,63-nonaoxo-60-(((2S,3R,4R,5R)-2,3,4,5,6-pentahydroxyhexyl)carbamoyl)-7,10,34,37,40,43,46,49,52,55-decaoxa-3,13,19,22,25,28,31,59,64-nonaazaheptacontan-1-oate

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₁₀₁H₁₄₉N₂₃O₄₂
Molecular Weight: 2357.39
Storage:

Powder	-20°C	3 years
	4°C	2 years
In solvent	-80°C	6 months
	-20°C	1 month

Chemical Structure:



ANALYTICAL DATA

Appearance: White to off-white (Solid)
¹H NMR Spectrum: Consistent with structure
LCMS: Consistent with structure
Purity (LCMS): 98.95%
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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