Certificate of Analysis

PhosTAC5

Cat. No.: HY-148509

Batch No.: 248130

Chemical Name: [(1R)-1-[3-[2-[2-[2-[2-[2-[2-(6-Chlorohexoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethylamino]-2-oxo-ethoxy]phenyl]-3-(3,4-dimethoxyphenyl)propyl] (2S)-1-[(2S)-2-(3,4,5-trimethoxyphenyl)butanoyl]piperidine-2-carboxylate

PHYSICAL AND CHEMICAL PROPERTIES

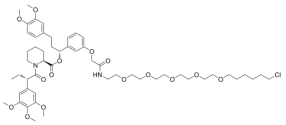
Molecular Formula: $C_{54}H_{79}ClN_2O_{15}$

Molecular Weight: **1031.66**

Storage:

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

Chemical Structure:



ANALYTICAL DATA

Appearance: Light yellow to yellow (Oil)

^{1}H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (HPLC): **99.94%**

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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