Certificate of Analysis

MC-Val-Cit-PAB-duocarmycin (chloride)

Cat. No.: HY-128904 CAS No.: 2055896-98-3 Batch No.: 116189

Chemical Name: 2-((2-((S)-1-(Chloromethyl)-5-hydroxy-2,3-dihydro-1H-benzo[e]indole-3-carbonyl)-1H-indol-5-yl)

oxy)-N-(4-((S)-2-((S)-2-(6-(2,5-dioxo-2,5-dihydro-1H-pyrrol-1-yl)) hexanamido)-3-methylbutanamido)-3-met

do)-5-ureidopentanamido)benzyl)-N,N-dimethylethanaminium, chloride

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{54}H_{65}Cl_2N_9O_9$

1055.05 **Molecular Weight:**

Storage: -20°C, protect from light, stored under nitrogen

* The compound is unstable in solutions, freshly prepared is recommended.

Chemical Structure:

ANALYTICAL DATA

Appearance: White to light yellow (Solid) ¹H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (LCMS): 98.16%

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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