Inhibitors



## **Certificate of Analysis**

## MC-Val-Cit-PAB-vinblastine

Cat. No.: HY-128902
CAS No.: 2055896-92-7
Batch No.: 113459

Chemical Name: (3S,5S,7S,9S)-9-((3aR,3a1R,4R,5S,5aR,10bR)-4-Acetoxy-3a-ethyl-5-hydroxy-8-methoxy-5-

(methoxycarbonyl)-6-methyl-3a,3a1,4,5,5a,6,11,12-octahydro-1H-indolizino[8,1-cd]carbazol-9-

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

methylbutanamido)-5-ureidopentanamido)benzyl)-5-ethyl-5-hydroxy-9-(methoxycarbonyl)-

1,2,3,4,5,6,7,8,9,10-decahydro-3,7-methano[1]azacycloundecino[5,4-b]indol-3-ium

## PHYSICAL AND CHEMICAL PROPERTIES

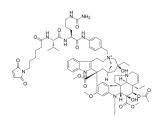
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Storage: 4°C, sealed storage, away from moisture and light

\* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and

light)

**Chemical Structure:** 



## **ANALYTICAL DATA**

Appearance: White to light brown (Solid)

<sup>1</sup>H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

**Purity (HPLC):** 90.17%

**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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