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## **Certificate of Analysis**

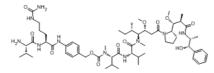
Global Supplier of Chemical Probes, Inhibitors & Agonists.

| Product Name  | : Val-Cit-PAB-MMAE   |
|---------------|--|
| Cat. No.      | : PC-42120   |
| CAS No.       | : 644981-35-1  |
| Batch No.     | : PC-4212001   |
| Chemical Name | <ul> <li>L-Valinamide, N-methyl-N-[[[4-[[L-valyl-N5-(aminocarbonyl)-L-<br/>ornithyl]amino]phenyl]methoxy]carbonyl]-L-valyl-N-[(1S,2R)-4-[(2S)-2-[(1R,2R)-3-[[(1R,2S)-<br/>2-hydroxy-1-methyl-2-phenylethyl]amino]-1-methoxy-2-methyl-3-oxopropyl]-1-<br/>pyrrolidinyl]-2-methoxy-1-[(1S</li> </ul> |

## PHYSICAL AND CHEMICAL PROPERTIES

| Molecular Weight   | : 1123.427  |       |          |
|--------------------|---|-------|----------|
| Molecular Formula  | : C <sub>58</sub> H <sub>94</sub> N <sub>10</sub> O <sub>12</sub> |       |          |
| Storage            | : Powder  | -20°C | 3 years  |
|                    |   | 4°C   | 2 years  |
|                    | In solvent  | -80°C | 6 months |
|                    |   | -20°C | 1 month  |
| Chamical Structure |   |       |          |

Chemical Structure :



| Appearance                  | : Solid powder  |
|-----------------------------|---|
| <sup>1</sup> H NMR Spectrum | : Consistent with   |
| HPLC                        | : Consistent with   |
| NP                          | : Consistent with   |
| Purity (HPLC)               | : >98%  |
| Conclusion                  | : The product has been tested and complies with the given specifications. |

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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