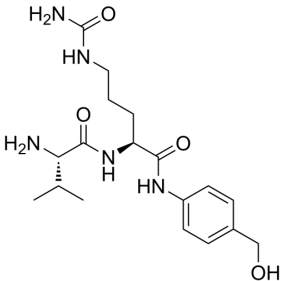


## Certificate of Analysis

<b>Product Name:</b>	Val-cit-PAB-OH
<b>Cat. No.:</b>	CS-5171
<b>CAS No.:</b>	159857-79-1
<b>Batch No.:</b>	Le1020104133
<b>Chemical Name:</b>	L-Ornithinamide, L-valyl-N5-(aminocarbonyl)-N-[4-(hydroxymethyl)phenyl]-

### PHYSICAL AND CHEMICAL PROPERTIES

<b>Molecular Formula:</b>	C <sub>18</sub> H <sub>29</sub> N <sub>5</sub> O <sub>4</sub>
<b>Molecular Weight:</b>	379.45
<b>Storage:</b>	2-8°C, stored under nitrogen
<b>Chemical Structure:</b>	

### ANALYTICAL DATA

<b>Appearance:</b>	White to off-white (<168 °C Solid,>168 °C Liquid)
<b><sup>1</sup>H NMR Spectrum:</b>	Consistent with structure
<b>Purity (HPLC):</b>	99.27%
<b>Conclusion:</b>	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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