

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	04643
<b>Product</b>	<b>Suc-Ala-Ala-Pro-Phe-AMC</b>
<b>CAS Number</b>	88467-45-2
<b>Molecular Formula</b>	C <sub>34</sub> H <sub>39</sub> N <sub>5</sub> O <sub>9</sub>
<b>Molecular Weight</b>	661.71

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<b>Appearance</b>	White powder
<b>Solubility</b>	Clear, colorless solution (10 mg/mL in Methanol)
<b>TLC System</b>	Chloroform/Methanol/Acetic acid (77.5:15:7.5) Chloroform/Methanol/Acetic acid/H <sub>2</sub> O (70:42:0.5:10) Plate: silicagel 60 F <sub>254</sub> Detected by: UV, ninhydrin, chlorine-tolidine
<b>Assay by titration</b>	≥ 98%
<b>Purity by HPLC</b>	≥ 99%
<b>Purity by TLC</b>	≥ 98%
<b>ESI-MS</b>	M = 661.7 ± 1
<b>Storage</b>	Store at ≤ -4 °C

**For Laboratory Use Only**