



## ChromIQ Analytical Laboratory

HPLC-MS Quality Control & Peptide Purity Analysis  
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### PRODUCT DATA

Product	KPV	Batch	KPV-B0182
CAS	67727-97-3	Formula	C <sub>16</sub> H <sub>27</sub> N <sub>5</sub> O <sub>4</sub>
Appearance	White lyophilized powder	Mol. Wt.	365.42 g/mol
Quantity	10 mg / vial	Purity	99.37%
Content	10.13 mg	Analysis Method	RP-HPLC, UV 214 nm   C18, 100 × 2.1 mm, 2.7 μm   Flow: 0.40 mL/min   Gradient: 5-95% ACN over 20 min   Inj.: 10.0 μL
Analysis Conducted	2026-05-22	Principal Chemist	Dr. Marek Janowski, Ph.D.
Produced	2026-05-20	Storage	Store at -20 °C, protect from light
QC Status	<b>PASS</b> — conforms to specification	Report No.	CIQ-RPT-B0182

### HPLC CHROMATOGRAM

Signal: UV 214 nm Detector: DAD1B

Method: Column: C18, 100 × 2.1 mm, 2.7 μm | Flow: 0.40 mL/min | Gradient: 5-95% ACN over 20 min | Injection: 10.0 μL

Mobile Phase: H<sub>2</sub>O/ACN + 0.1% TFA

#### HPLC Chromatogram — KPV, DAD1B @ 214 nm



