

CoreFocus Report

No.545

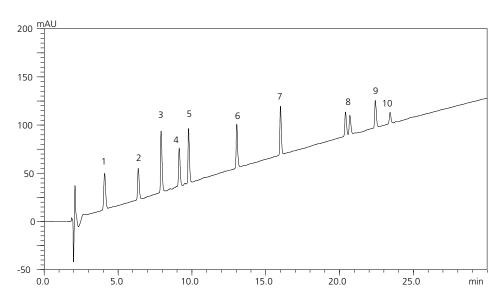
LC

Reversed-phase

Shim-pack[™] Series

Shim-pack Scepter™ C4-300 Analysis of 10 peptide mixtures

Keywords: Peptide, Protein, Bio-pharmaceutical



- 1. Bradykinin Fragment 1-7
- 2. Bradykinin
- 3. Angiotensin II (human)
- 4. Neurotensin
- 5. Angiotensin I (human)
- 6. Angiotensinogen 1-14 Renin Substrate porcine
- Ace-FFHDRVYIHPFHLLVYS-NH2
- 8. Protein Ser/Thr Phosphatase
- 9. FEIFLSQPILLELEAPLK-NH2
- 10 Melittin

Nexera[™] XR System

Shim-pack Scepter C4-300 (150 mm x 4.6 mml.D., 5 μ m) P/N :227-31183-05 Column

Mobile phase A) 0.1% formic acid in water B) 0.1% formic acid in acetonitrile

Flow rate 1.0 mL/min

Gradient program B conc. $10\%(0 \text{ min}) \rightarrow 65\%(40 \text{ min}) \rightarrow 95\%(40.01-45 \text{ min}) \rightarrow 10\%(45.1-50 \text{ min})$

Column temp. 60°C Injection volume 5 μL UV 220 nm Detection

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