Exploring Viral Interference Using Peptides: Molecular Determinants of HIV-1 Inhibition by a Peptide Derived from Human Pegivirus-1 Envelope Protein E2

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1. HPLC chromatograms of synthesized peptides.

P6-2

[Image of HPLC chromatogram labeled P6-2]

P6-2(Bio)

[Image of HPLC chromatogram labeled P6-2(Bio)]

P6-2-1

[Image of HPLC chromatogram labeled P6-2-1]

P6-2-3

[Image of HPLC chromatogram labeled P6-2-3]
2. ESI-MS data of synthesized peptides

| Peptide       | Molar mass | [M+2H]^{2+}  |
|---------------|------------|--------------|
| P6-2-2        | 2202       | 1102.9       |
| P6-2-(Bio)    | 2501       | 1251.8       |
| P6-2-1        | 2189       | 1094.3       |
| P6-2-2        | 2189       | 1094.2       |
| P6-2-3        | 2189       | n.d.         |
| P6-2-4        | 2469       | 1235.9       |
| P6-2-5        | 2469       | 1235.7       |
| P6-2-6        | 2469       | 1235.6       |
| P6-2-7        | 2156       | 1079.4       |
| P6-2-7-(Bio)  | 2452       | 1227.8       |
| P6-2-8        | 2089       | 1045.5       |
| P6-2-9        | 2177       | 1098.0       |
| P6-2-10       | 2089       | 1045.4       |
| P6-2-11       | 2177       | 1089.1       |
| P6-2-12       | 2204       | 1102.3       |
| P6-2-13       | 2262       | 1131.9       |
| P6-2-14       | 2859       | 1430.5       |
|               |            | [M+4H]^{4+}  |
| V3-(Bio)      | 4629       | 1158.0       |
| V3-(Fluo)     | 4824       | 1206.9       |