

Supplementary information

Table S1. Sequence and properties of peptoids

| Peptoid     | Sequence (N-C)                                           | Molecular weight                      |            | R <sub>t</sub> (min) <sup>a</sup> |
|-------------|----------------------------------------------------------|---------------------------------------|------------|-----------------------------------|
|             |                                                          | Observed ( <i>m/z</i> )               | Calculated |                                   |
| <b>BM 1</b> | H- <i>Nhe-Nspe-Nlys</i> -NH <sub>2</sub>                 | 448.4, 225.1                          | 447.6      | 8.02                              |
| <b>BM 2</b> | H-( <i>Nhe-Nspe-Nlys</i> ) <sub>2</sub> -NH <sub>2</sub> | 878.64, 440.6 (M+2H)                  | 878.2      | 11.51                             |
| <b>BM 3</b> | H-( <i>Nhe-Nspe-Nlys</i> ) <sub>3</sub> -NH <sub>2</sub> | 1308.7, 655.8 (M+2H),<br>437.5 (M+3H) | 1307.9     | 13.05                             |

<sup>a</sup> Analytical retention times (R<sub>t</sub>) estimated on a reverse phase C<sub>18</sub> Kinetex 100 x 2.1 mm 100 Å column, 60 °C run on a 15-65 % acetonitrile gradient over 20 min.