

FIGURE S1. Analytical HPLC chromatograms of synthetic OSIP108 and analogues

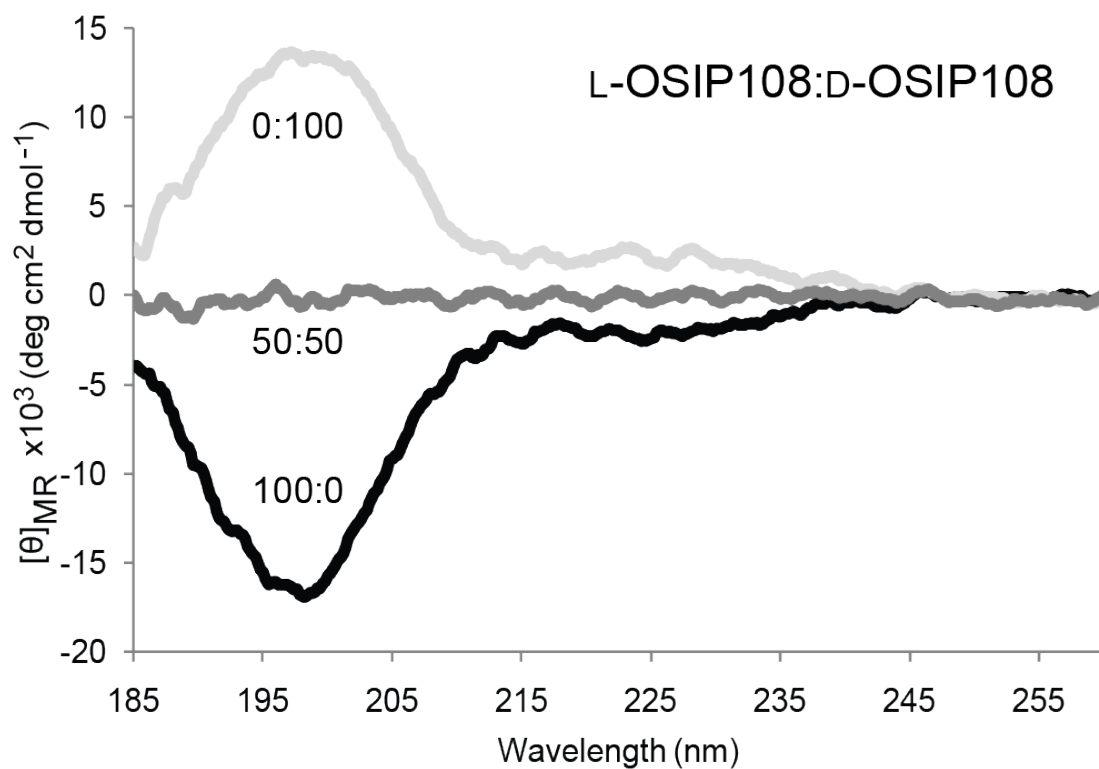


FIGURE S2. CD spectra of OSIP108, _D-OSIP108 and 50:50 mixture of the two enantiomers in solution (50 μM in H₂O) confirming the mirror image nature of the D-peptide.

TABLE S1. Purity, retention time and masses for OSIP108 peptides.

peptide	sequence	purity (%) ^a	RT (min)	calc. mass (Da) ^b	obs. mass (Da) ^c
OSIP108:	MLCVLQGLRE	99.4	20.2	1161.43	1161.41
D-OSIP108: D-	MLCVLQGLRE (all D-amino acids)	98.3	20.2	1161.43	1161.41
S-OSIP108	ELRLVCMGQL	97.0	21.0	1161.43	1161.41
[CYC1]OSIP108	cyclo- MLCVLQGLRE	98.5	24.9	1143.42	1143.38
[CYC2]OSIP108	cyclo- MLCVLQGLREGG	97.9	24.1	1257.52	1257.42
[CYC3]OSIP108	cyclo- MLCVLQGLREC	97.4	21.1	1262.58	1262.35

^a as determined by HPLC based on area of the 214 nm recorded peak

^b average theoretical mass

^c as determined by ESI-MS