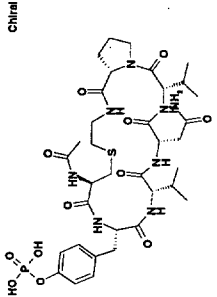
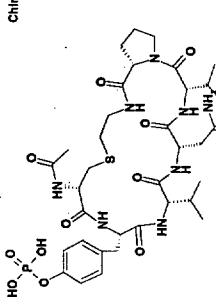
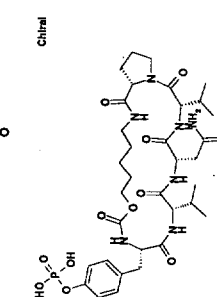
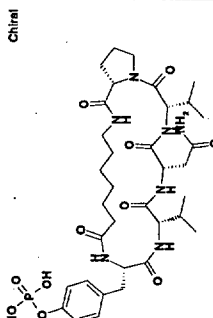
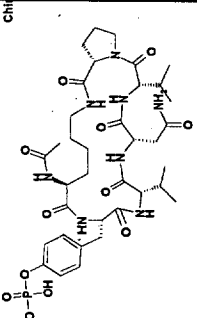
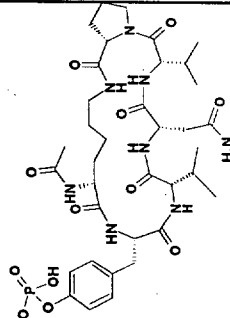
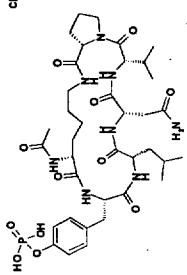
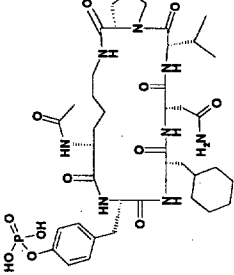
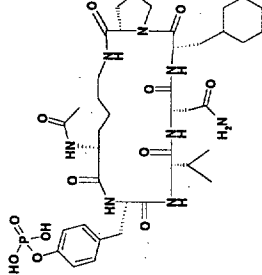


#	Name	RP-HPLC Ret. Time ^a (min)	ESI MH ⁺	AAA					
				Found	Y ^{ab}	V	N ^c	P	Other AAs
1	KPFY*VNVEF	n.d.	(C ₅₇ H ₈₀ N ₁₁ O ₁₇ P), 1222.3	1222.5	0.85	2.15	0.80	1.10	0.94(K) 2.10(F)
2	cyclo-(CY*VNVPC)	13.23	(C ₃₆ H ₅₃ N ₈ O ₁₄ PS ₂), 917.0	918.8	0.89	1.95	0.98	1.15	
21	 Chiral	12.66	(C ₃₅ H ₅₃ N ₈ O ₁₂ PS), 840.9	841.4	1.11	2.07	1.04	0.89	0.84 ^e
22	 Chiral	13.37	(C ₃₅ H ₅₃ N ₈ O ₁₂ PS), 840.9	841.4	1.02	2.04	1.04	0.89	
23	 Chiral	14.96	(C ₃₄ H ₅₂ N ₇ O ₁₂ P), 781.8	782.3	1.00	2.08	1.05	0.87	
24	EPQY*EEIPI	n.d.	(C ₄₆ H ₇₀ N ₉ O ₁₈ P), 1068.1	1068.0	0.93			2.13	3.84(E/Q) 2.01(I)

#	Name	RP-HPLC Ret.Time ^a (min)	ESI MH ⁺ Calculated Formula/Mass	Found	AAA				
					Y ^{*b}	V	N ^c	P	Other AAs
25	 Chiral	14.96	(C ₃₅ H ₅₄ N ₇ O ₁₁ P), 779.8	780.7	0.99	2.08	1.05	0.87	1.15 ^d
26	EtCO-Y*VNVPNH-n-Bu	17.97	(C ₃₅ H ₅₆ N ₇ O ₁₁ P), 781.9	782.8	0.94	2.07	1.02	0.92	
27	cyclo-(GY*VNVP)	10.26	(C ₃₀ H ₄₄ N ₇ O ₁₁ P), 709.7	710.2	0.98	2.09	1.05	0.85	1.01(G)
28	cyclo-(GY*VNVP)	11.92	(C ₃₀ H ₄₄ N ₇ O ₁₁ P), 709.7	710.3	0.84	2.11	1.04	0.83	1.02(G)
29	 Chiral	12.95	(C ₃₆ H ₅₅ N ₈ O ₁₂ P), 822.9	823.2	0.99	1.99	1.01	0.98	1.02(K)
30		12.72	(C ₃₆ H ₅₅ N ₈ O ₁₂ P), 822.9	823.2	1.03	2.05	1.05	0.87	1.00(K)

#	Name	RP-HPLC Ret. Time ^a (min)	ESI MH ⁺	AAA				
				Found	Y ^b	V	N ^c	P
31		14.80	(C ₃₇ H ₅₇ N ₈ O ₁₂ P), 836.9	837.4	1.04	1.02	1.04	0.89
32		18.24	(C ₄₀ H ₆₁ N ₈ O ₁₂ P), 877.0	877.3	1.01	1.02	1.03	0.94
33		18.36	(C ₄₀ H ₆₁ N ₈ O ₁₂ P), 877.0	877.3	1.03	1.00	1.05	0.88
								1.04 (K)
								1.04 (K)

a) RP-HPLC, Method A (see experimental part for details); b) detected as Y; c) detected as D; d) 7-amino hexanoic acid; e) Thialysin.