

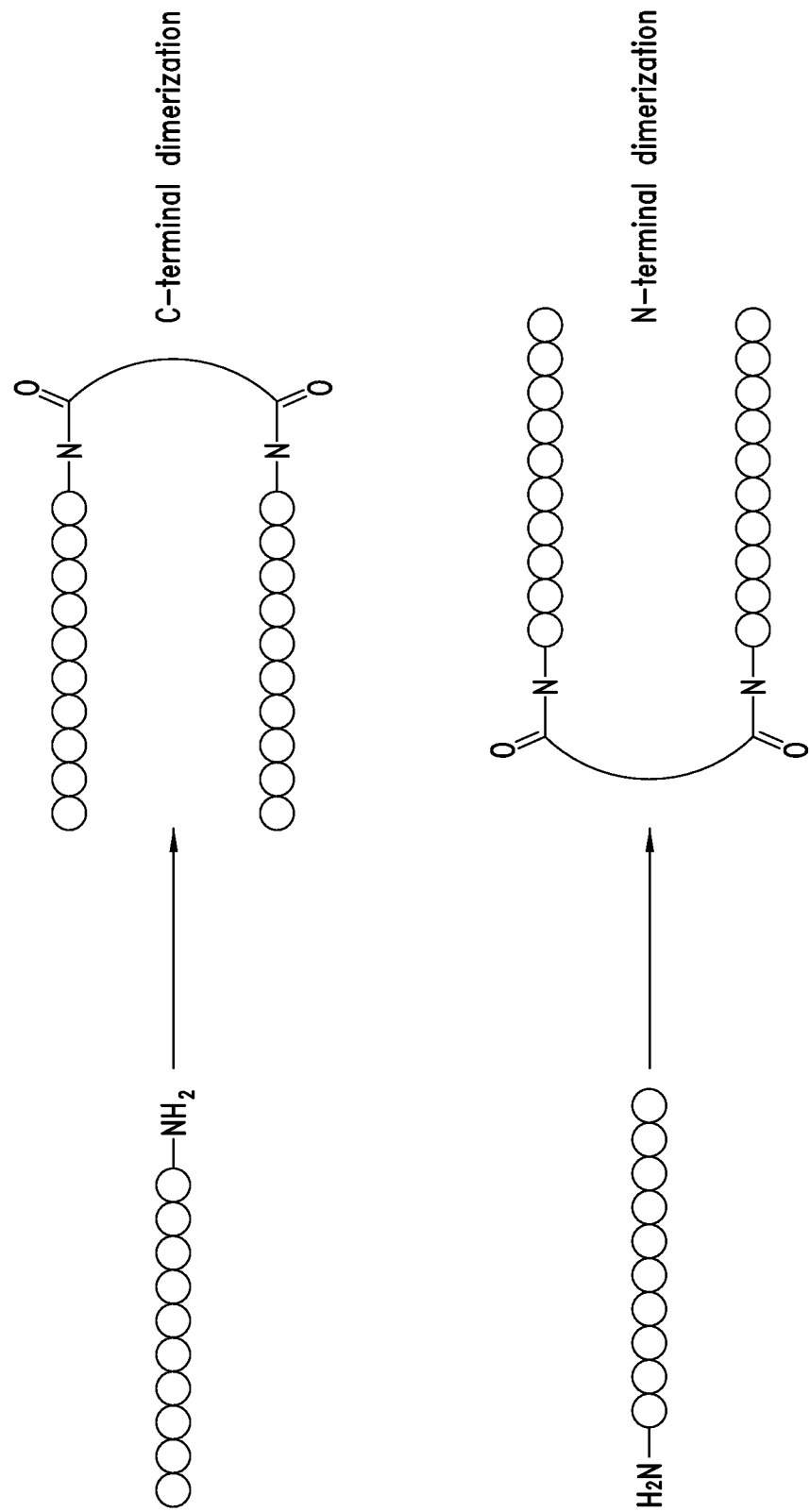
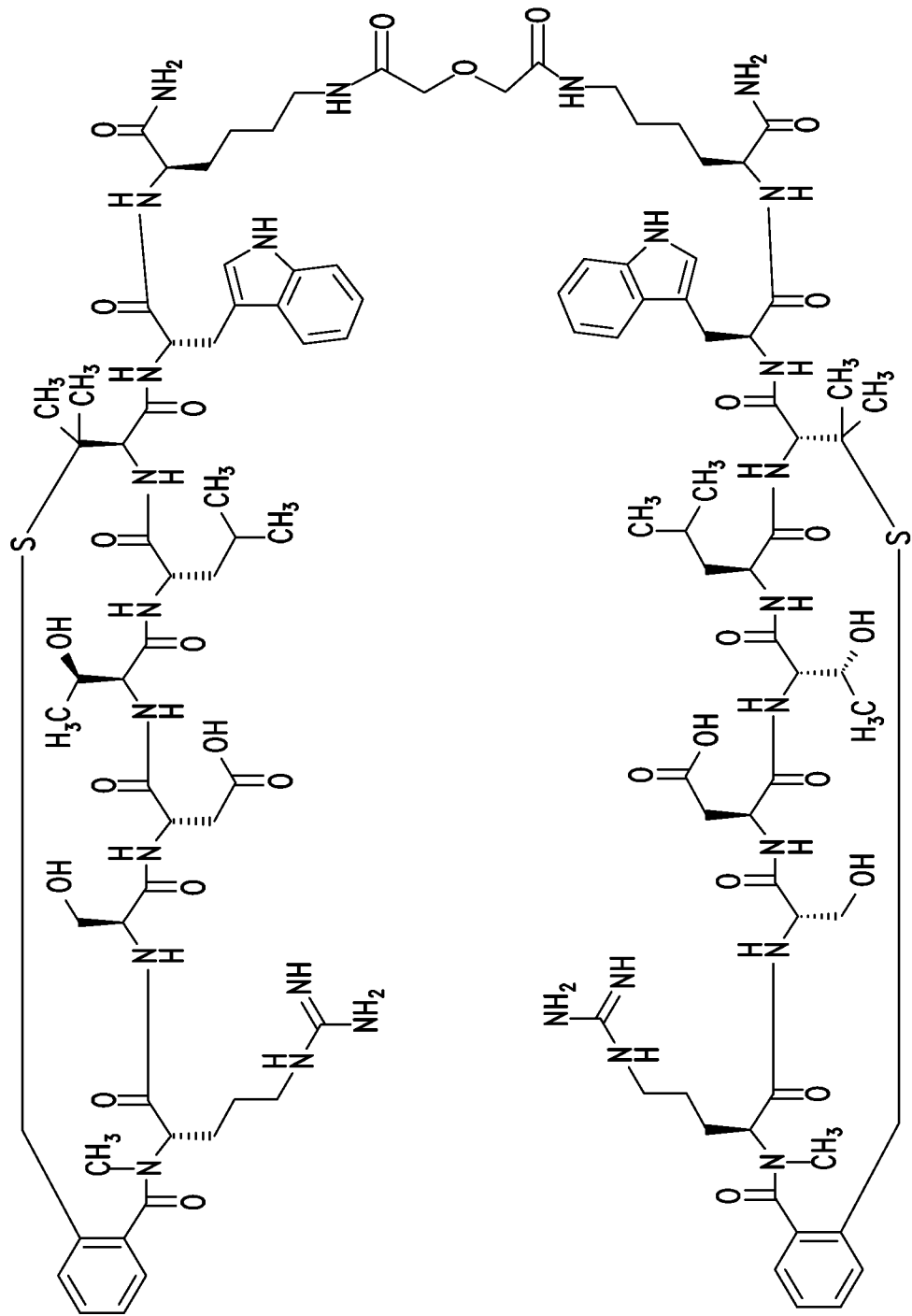
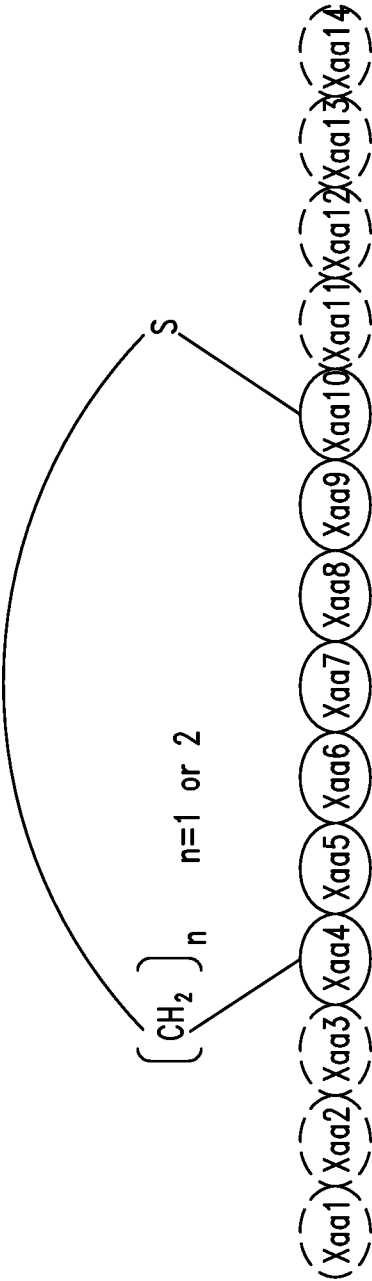


FIG. 1



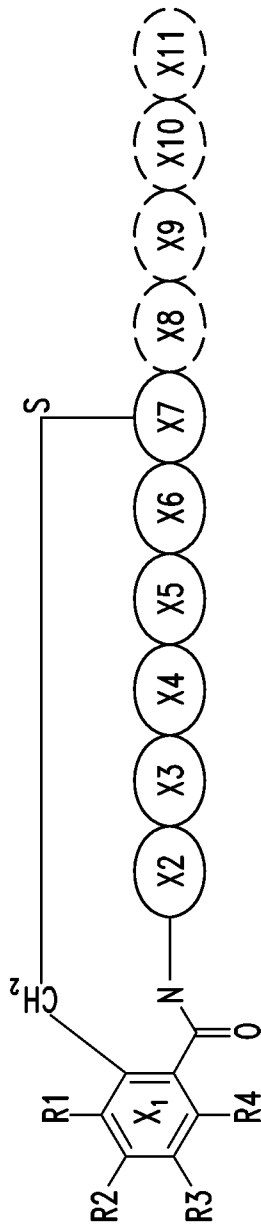
SEQ ID	Xaa ¹	Xaa ²	Xaa ³ Xaa ⁴	Xaa ⁵ Xaa ⁶	Xaa ⁷	Xaa ⁸ Xaa ⁹	Xaa ¹¹	Linker			
22	2-Me-Benzoyl	N-Me-R	S	D	T	L	Pen	W	k	(NH ₂) ₂	DIG
Thioether bond between Xaa ¹ and Xaa ⁷											

FIG. 2



SEQ ID NO:1

FIG. 3



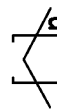
SEQ ID NO:2

FIG. 4

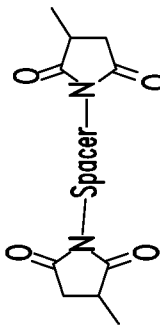
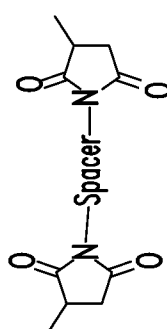
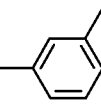
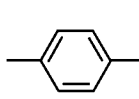
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X1, X2=H, Me

Y=



n= 0 to 10



Spacer: PEG, aliphatic chain

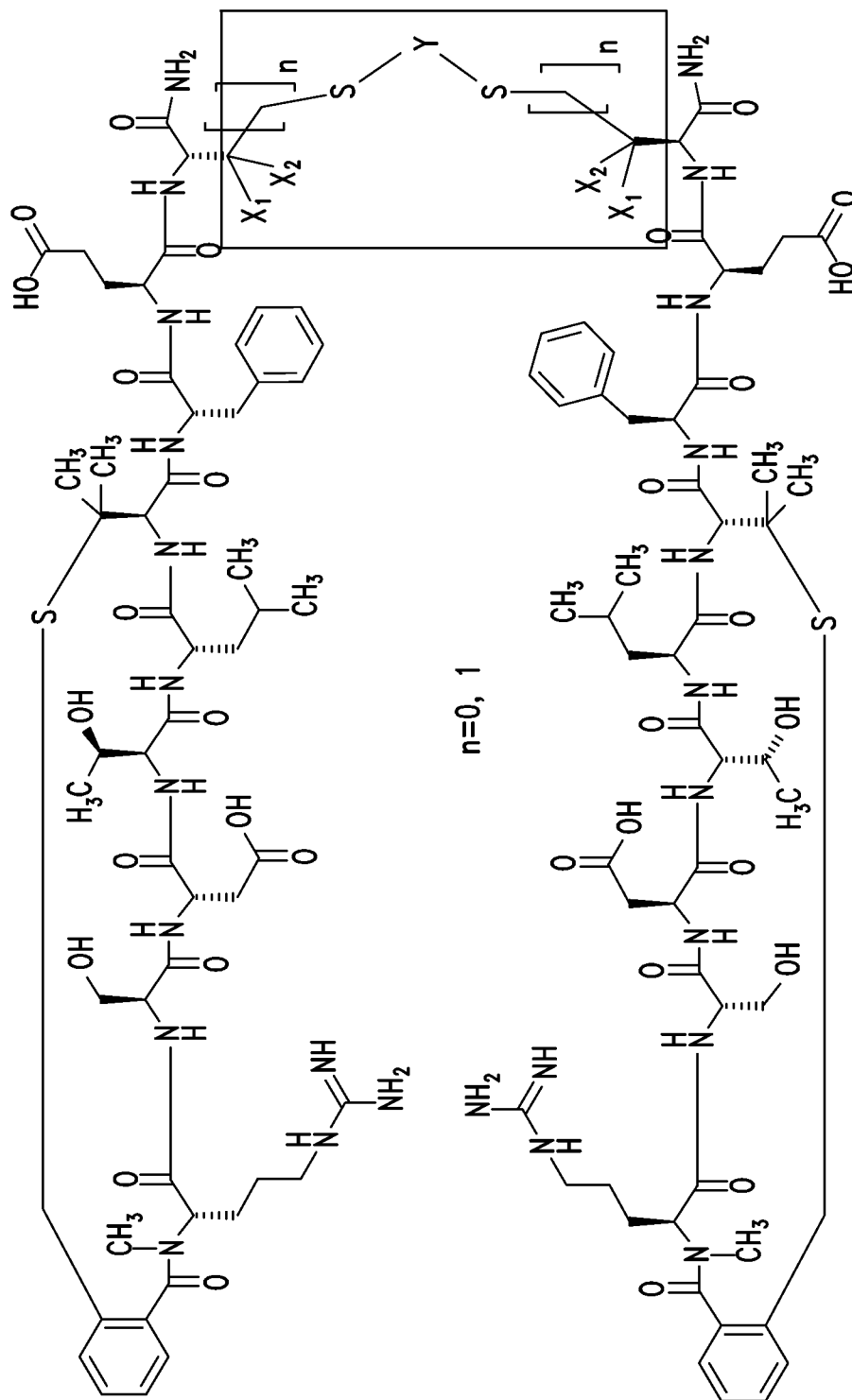


FIG. 5

SEQ ID	Xaa ¹	Xaa ²	Xaa ³	Xaa ⁴	Xaa ⁵	Xaa ⁶	Xaa ⁷	Xaa ⁸	Xaa ⁹	Xaa ¹⁰	Xaa ¹¹	Linker
151	2-Me-Benzoyl	N-Me-R	S	D	T	L	Pen	W	b-H-E	k	NH ₂) ₂	DIG
152	2-Me-Benzoyl	N-Me-R	S	D	T	L	Pen	W	E	N-Me-k	NH ₂) ₂	DIG
228	2-Me-Benzoyl	N-Me-R	S	D	T	Nle	Pen	W	E	N-Me-k	NH ₂) ₂	DIG
229	2-Me-Benzoyl	N-Me-R	S	D	T	Nle	Pen	F	e	N-Me-k	NH ₂) ₂	DIG
158	2-Me-Benzoyl	N-Me-R	S	D	T	L	Pen	1-Nal	e	k	NH ₂) ₂	DIG
159	2-Me-Benzoyl	N-Me-R	S	D	T	L	Pen	2-Nal	e	k	NH ₂) ₂	DIG
164	2-Me-Benzoyl	N-Me-R	S	D	T	L	Pen	F	b-H-E	k	NH ₂) ₂	DIG
165	2-Me-Benzoyl	N-Me-R	S	D	T	L	Pen	Y	b-H-E	k	NH ₂) ₂	DIG
169	2-Me-Benzoyl	N-Me-R	S	D	T	L	Pen	Y	e	k	NH ₂) ₂	DIG
	Thioether bond between Xaa ¹ and Xaa ⁷											

Representative peptides with IC50 values <25nM in $\alpha 4\beta 7$ ELISA and in Cell adhesion assay
and with stability of >180min (half-life) in SIF (simulated intestinal fluids)

FIG. 6

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SEQ ID	Xaa ¹	Xaa ²	Xaa ³	Xaa ⁴	Xaa ⁵	Xaa ⁶	Xaa ⁷	Xaa ⁸	Xaa ⁹	Xaa ¹⁰	Xaa ¹¹
55	2-Me-Benzoyl	N-Me-R	S	D	T	L	C	W	E	k	NH ₂
225	2-Me-Benzoyl	N-Me-R	S	D	T	Nle	Pen	F	e	N-Me-k	NH ₂
69	2-Me-Benzoyl	N-Me-R	S	D	T	L	Pen	1-Nal	e	N-Me-K	NH ₂
82	2-Me-Benzoyl	N-Me-R	S	D	T	L	Pen	W	e	k(PEG8)	NH ₂
89	2-Me-Benzoyl	N-Me-R	S	D	T	L	Pen	1-Nal	E	k(Ac)	NH ₂
91	2-Me-Benzoyl	N-Me-R	S	D	T	L	Pen	Y	e	k(Ac)	NH ₂
94	2-Me-Benzoyl	N-Me-R	S	D	T	L	Pen	W	e	Dap	NH ₂
95	2-Me-Benzoyl	N-Me-R	S	D	T	L	Pen	W	e	Dab	NH ₂
96	2-Me-Benzoyl	N-Me-R	S	D	T	L	Pen	W	E	NH ₂	
224	2-Me-Benzoyl	N-Me-R	S	D	T	L	Pen	W	e	Dap(Ac)	NH ₂
101	2-Me-Benzoyl	N-Me-R	S	D	T	L	Pen	W	e	F	NH ₂
107	2-Me-Benzoyl	N-Me-R	S	D	T	L	Pen	W	e	f	NH ₂
	Thioether bond between Xaa ¹ and Xaa ⁷										

Representative peptides with IC₅₀ (α ₄ β ₇) values for <50nM in ELISA and <300nM in Cell adhesion assay

FIG. 7

SEQ ID	Xaa ¹	Xaa ²	Xaa ³	Xaa ⁴	Xaa ⁵	Xaa ⁶	Xaa ⁷	Xaa ⁸	Xaa ⁹	Xaa ¹⁰	Xaa ¹¹
62	2-Me-Benzoyl	N-Me-R	S	D	T	L	Pen	W	E	N-Me-k	NH ₂
63	2-Me-Benzoyl	N-Me-R	S	D	T	L	Pen	W	Y	N-Me-K	NH ₂
226	2-Me-Benzoyl	N-Me-R	S	D	T	Nle	Pen	W	E	N-Me-k	NH ₂
227	2-Me-Benzoyl	N-Me-R	S	D	T	Nle	Pen	F	e	N-Me-k	NH ₂
66	2-Me-Benzoyl	N-Me-R	S	D	T	L	c	W	b-H-E	k	NH ₂
68	2-Me-Benzoyl	N-Me-R	S	D	T	L	Pen	1-Nal	e	k	NH ₂
69	2-Me-Benzoyl	N-Me-R	S	D	T	L	Pen	1-Nal	e	N-Me-K	NH ₂
70	2-Me-Benzoyl	N-Me-R	S	D	T	L	Pen	2-Nal	b-H-E	k	NH ₂
71	2-Me-Benzoyl	N-Me-R	S	D	T	L	Pen	f	2-Nal	k	NH ₂
72	2-Me-Benzoyl	N-Me-R	S	D	T	L	Pen	f	E	k	NH ₂
	Thioether bond between Xaa ¹ and Xaa ⁷										

Representative peptides with stability of >180min (half-life) in SIF (simulated intestinal fluids)

FIG. 8