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Figure 1

Ex	GIP ref	SEQ ID	Note	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
1	A	10		Tyr	AIB	Glu	Gly	Thr	Phe	Ile	Ser	Asp	Tyr	Ser	Lys	Asp	Leu	Asp	Lys	Ile	His	Gln	Gln	Asp	Phe	Val	Asn	Trp	Leu	Leu	Ala	Gln	Lys	Gly	Lys		Lys*
2	B	11		Tyr	AIB	Glu	Gly	Thr	Phe	Ile	Ser	Asp	Tyr	Ser	Lys	Ala	Leu	Asp	Lys	Ile	His	Gln	Gln	Asp	Phe	Val	Asn	Trp	Leu	Leu	Ala	Gln	Lys	Gly	Lys		Lys*
3	C	12		Tyr	AIB	Glu	Gly	Thr	Phe	Ser	Ser	Asp	Tyr	Ser	Lys	Asp	Leu	Asp	Lys	Ile	His	Gln	Gln	Asp	Phe	Val	Asn	Trp	Leu	Leu	Ala	Gln	Lys	Gly	Lys		Lys*

(57) Abstract: The invention provides novel compounds which are peptide hormone analogues, and which are useful in treating disorders such as diabetes and obesity. The compounds of the general sequence recited in the specification possess a tailored profile with regards to potency properties at the GIP receptor. With regard to in vivo properties, administration of example peptides of the invention have been shown, in animal models, to result in increased weight loss. Preferred compounds achieve this without reducing food intake significantly.

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