

eolf-seql
SEQUENCE LISTING

<110> SANOFI
<120> New compounds as peptidic as GLP1/Glucagon/GIP Receptor Agonists
<130> DE2016/078WOPCT
<160> 23
<170> PatentIn version 3.5
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His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
1 5 10 15

Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg
20 25 30

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(S)-4-Carboxy-4-hexadecanoylamino-butryl-

<400> 2

His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
1 5 10 15

eolf-seql

Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Arg Gly Arg Gly
 20 25 30

<210> 3
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 <212> PRT
 <213> Homo sapiens

<400> 3

His Ser Gln Gly Thr Phe Thr Ser Asp Tyr Ser Lys Tyr Leu Asp Ser
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Arg Arg Ala Gln Asp Phe Val Gln Trp Leu Met Asn Thr
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His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
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Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Ser
 20 25 30

Ser Gly Ala Pro Pro Pro Ser
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Tyr Ala Glu Gly Thr Phe Ile Ser Asp Tyr Ser Ile Ala Met Asp Lys
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Ile His Gln Gln Asp Phe Val Asn Trp Leu Leu Ala Gln Lys Gly Lys
 20 25 30

Lys Asn Asp Trp Lys His Asn Ile Thr Gln
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<400> 6

His Xaa Gln Gly Thr Phe Thr Ser Asp Leu Ser Lys Leu Lys Glu Lys

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1				5					10				15	
Gln	Arg	Gln	Xaa	Glu	Phe	Ile	Glu	Trp	Leu	Lys	Ala	Gly	Gly	Pro
			20					25					30	Pro

Ser	Xaa	Lys	Pro	Pro	Pro	Lys
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<400> 7

His Xaa Gln Gly Thr Phe Thr Ser Asp Leu Ser Lys Leu Lys Glu Lys
1 5 10 15

Gln Arg Gln Xaa Glu Phe Ile Glu Trp Leu Lys Ala Xaa Gly Pro Pro
20 25 30

Ser Xaa Lys Pro Pro Pro Lys
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butyryl-

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<223> AMIDATION

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His Xaa Gln Gly Thr Phe Thr Ser Asp Leu Ser Lys Leu Lys Glu Glu
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Gln Arg Gln Xaa Glu Phe Ile Glu Trp Leu Lys Ala Gly Gly His Pro
20 25 30

Ser Xaa Lys Pro Pro Pro Lys
35

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butyryl-

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Gln Arg Gln Xaa Glu Phe Ile Glu Trp Leu Lys Ala Gly Gly Pro Pro
 20 25 30

Ser Xaa Lys Pro Pro Pro Lys
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<400> 10

eolf-seql

His Xaa Gln Gly Thr Phe Thr Ser Asp Leu Ser Lys Leu Lys Glu Glu
1 5 10 15

Gln Arg Gln Xaa Glu Phe Ile Glu Trp Leu Lys Ala Xaa Gly Pro Pro
20 25 30

Ser Xaa Lys Pro Pro Pro Lys
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butyryl-

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His	Xaa	Gln	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Leu	Lys	Glu	Glu
1				5					10					15	

Gln	Arg	Gln	Xaa	Glu	Phe	Ile	Glu	Trp	Leu	Lys	Ala	Xaa	Gly	His	Pro
		20					25						30		

Ser	Xaa	Lys	Pro	Pro	Pro	Lys
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butyryl-

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<400> 12

His Xaa Gln Gly Thr Phe Thr Ser Asp Leu Ser Lys Leu Lys Glu Lys
1 5 10 15

Gln Arg Gln Xaa Glu Phe Ile Glu Trp Leu Lys Ala Gly Gly His Pro
20 25 30

Ser Xaa Lys Pro Pro Pro Lys
35

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butyryl-

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His	Xaa	Gln	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Leu	Lys	Glu	Lys
1				5					10					15	

Gln	Arg	Gln	Xaa	Glu	Phe	Ile	Glu	Trp	Leu	Lys	Ala	Xaa	Gly	His	Pro
		20					25						30		

Ser	Xaa	Lys	Pro	Pro	Pro	Lys
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His Xaa Gln Gly Thr Phe Thr Ser Asp Leu Ser Lys Leu Lys Glu Lys
1 5 10 15

Gln Arg Gln Xaa Glu Phe Ile Glu Trp Leu Lys Ala Gly Gly Pro Pro
20 25 30

Ser Xaa Lys Pro Pro Pro Lys
35

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Gln	Arg	Gln	Xaa	Glu	Phe	Ile	Glu	Trp	Leu	Lys	Ala	Gly	Gly	Pro
			20					25					30	Pro

Ser	Xaa	Lys	Pro	Pro	Pro	Lys
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His	Xaa	Gln	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Leu	Lys	Glu	Lys
1				5					10					15	

eolf-seql

Gln Arg Gln Xaa Glu Phe Ile Glu Trp Leu Lys Ala Gly Gly His Pro
 20 25 30

Ser Xaa Lys Pro Pro Pro Lys
 35

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His Xaa Gln Gly Thr Phe Thr Ser Asp Leu Ser Lys Leu Lys Glu Lys
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Gln Arg Gln Xaa Glu Phe Ile Glu Trp Leu Lys Ala Xaa Gly His Pro
20 25 30

Ser Xaa Lys Pro Pro Pro Lys
35

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eolf-seql

Gln Arg Gln Xaa Glu Phe Ile Glu Trp Leu Lys Ala Gly Gly His Pro
 20 25 30

Ser Xaa Lys Pro Pro Pro Lys
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eolf-seql

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1 5 10 15

Gln Arg Gln Xaa Glu Phe Ile Glu Trp Leu Lys Ala Xaa Gly His Pro
20 25 30

Ser Xaa Lys Pro Pro Pro Lys
35

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									eolf-seql						
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Gln	Arg	Gln	Xaa	Glu	Phe	Ile	Glu	Trp	Leu	Lys	Ala	Gly	Gly	His	Pro
			20					25					30		
Ser	Xaa	Lys	Pro	Pro	Pro	Lys									
			35												

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1 5 10 15

Gln Arg Gln Xaa Glu Phe Ile Glu Trp Leu Lys Ala Xaa Gly His Pro
20 25 30

Ser Xaa Lys Pro Pro Pro Lys
35

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eolf-seql

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Gln Arg Gln Xaa Glu Phe Ile Glu Trp Leu Lys Ala Gly Gly His Pro
20 25 30

Ser Xaa Lys Pro Pro Pro Lys
35

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1 5 10 15

Gln Arg Gln Xaa Glu Phe Ile Glu Trp Leu Lys Ala Xaa Gly His Pro
20 25 30

Ser Xaa Lys Pro Pro Pro Lys
35