

SEQUENCE LISTING

<110> Agency for Science, Technology and Research
 <120> Non Membrane Disruptive p53 Activating Stapled Peptides
 <130> 9869SG3615
 <160> 26
 <170> PatentIn version 3.5
 <210> 1
 <211> 14
 <212> PRT
 <213> Artificial
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 <223> YS-01; capped, meaning acetylated N-terminus, NH2 at C-terminus.
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 <222> (8) .. (8)
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 1 5 10
 <210> 2
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 1 5 10

<210> 3
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 <223> Xaa is (R)-2-(7'-octenyl)alanine

<220>
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 <223> Xaa is (S)-2-(4'-pentenyl)alanine

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<210> 4
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<210> 5
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<400> 7

Lys	Lys	Xaa	Thr	Ser	Phe	Xaa	Glu	Tyr	Trp	Ala	Leu	Leu	Xaa	Glu	Asn
1				5					10					15	

Phe

<210> 8
<211> 17
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<400> 8

Lys	Lys	Xaa	Thr	Ser	Phe	Xaa	Glu	Tyr	Trp	Ala	Leu	Leu	Xaa	Glu	Asn
1				5					10					15	

Tyr

<210> 9

<211> 18
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<400> 9

Arg	Arg	Arg	Xaa	Thr	Ser	Phe	Xaa	Glu	Tyr	Trp	Ala	Leu	Leu	Xaa	Glu
1				5				10						15	

Asn Phe

<210> 10
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 (S)-2-(7'-octenyl)alanine

<220>
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<400> 10

Arg Arg Arg Xaa Thr Ser Phe Xaa Glu Tyr Trp Ala Leu Leu Xaa Glu
1 5 10 15

Asn Tyr

<210> 11

<211> 13

<212> PRT

<213> Artificial

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<221> MISC_FEATURE

<222> (11)..(11)

<223> Xaa is (S)-2-(4'-pentenyl)alanine

<400> 11

Gln Thr Phe Xaa Asn Leu Trp Arg Leu Leu Xaa Gln Asn
1 5 10

<210> 12

<211> 13

<212> PRT

<213> Artificial

<220>

<223> p53 WT

<400> 12

Glu Thr Phe Ser Asp Leu Trp Lys Leu Leu Pro Glu Asn
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<210> 13

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<212> PRT

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<220>

<223> p53 WT-1

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Gln Glu Thr Phe Ser Asp Leu Trp Lys Leu Leu Pro Glu Asn
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<210> 14

<211> 13

<212> PRT

<213> Artificial

<220>

<223> p53-WT (capped; meaning acetylated N-terminus, NH2 at C-terminus)

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Glu Thr Phe Ser Asp Leu Trp Lys Leu Leu Pro Glu Asn
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<211> 14

<212> PRT

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<223> Extended p53-a

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Glu Thr Phe Ser Asp Leu Trp Lys Leu Leu Pro Glu Asn Phe
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<210> 16

<211> 14

<212> PRT

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<223> Extended p53-b

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Glu Thr Phe Ser Asp Leu Trp Lys Leu Leu Pro Glu Asn Tyr
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<211> 14

<212> PRT

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<220>

<223> Extended p53-c

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Thr Ser Phe Ser Glu Tyr Trp Lys Leu Leu Pro Glu Asn Phe
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<220>
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<400> 20

Thr	Ser	Phe	Xaa	Glu	Tyr	Trp	Xaa	Leu	Leu	Pro	Glu	Asn	Tyr
1				5					10				

<210> 21
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<220>
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<220>
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Thr	Ser	Phe	Xaa	Glu	Tyr	Trp	Ala	Leu	Leu	Xaa	Glu	Asn	Phe
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<210> 22
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<220>
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 <400> 22

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 1 5 10

 <210> 23
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 <400> 23

 Arg Phe Met Asp Tyr Trp Glu Gly Leu
 1 5

 <210> 24
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 1 5 10

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 <220>
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<400> 25

Phe Ser Asp Leu Trp Lys Leu Leu
1 5

<210> 26

<211> 12

<212> PRT

<213> Artificial

<220>

<223> p53 WT-2

<400> 26

Glu Thr Phe Ser Asp Leu Trp Lys Leu Leu Pro Glu
1 5 10