

PhoenixTemp469.tmp.txt
SEQUENCE LISTING

<110> Opsona Therapeutics Limited
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Locher, Christopher
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Keogh, Brian

<120> Composition and Method for Treatment of Renal Disease

<130> P101584.WO.01

<150> IE 2007/0486

<151> 2007-07-05

<150> US 61/038304

<151> 2008-03-20

<160> 5

<170> PatentIn version 3.3

<210> 1

<211> 784

<212> PRT

<213> Homo sapiens

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35 40 45

Gly Leu Thr Glu Ala Val Lys Ser Leu Asp Leu Ser Asn Asn Arg Ile
50 55 60

Thr Tyr Ile Ser Asn Ser Asp Leu Gln Arg Cys Val Asn Leu Gln Ala
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Leu Val Leu Thr Ser Asn Gly Ile Asn Thr Ile Glu Glu Asp Ser Phe
85 90 95

Ser Ser Leu Gly Ser Leu Glu His Leu Asp Leu Ser Tyr Asn Tyr Leu
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Ser Asn Leu Ser Ser Ser Trp Phe Lys Pro Leu Ser Ser Leu Thr Phe
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Leu Asn Leu Leu Gly Asn Pro Tyr Lys Thr Leu Gly Glu Thr Ser Leu
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Phe Ser His Leu Thr Lys Leu Gln Ile Leu Arg Val Gly Asn Met Asp
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Thr Phe Thr Lys Ile Gln Arg Lys Asp Phe Ala Gly Leu Thr Phe Leu
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Glu Glu Leu Glu Ile Asp Ala Ser Asp Leu Gln Ser Tyr Glu Pro Lys
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Gln His Ile Leu Leu Leu Glu Ile Phe Val Asp Val Thr Ser Ser Val
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Glu Cys Leu Glu Leu Arg Asp Thr Asp Leu Asp Thr Phe His Phe Ser
225 230 235 240

Glu Leu Ser Thr Gly Glu Thr Asn Ser Leu Ile Lys Lys Phe Thr Phe
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Arg Asn Val Lys Ile Thr Asp Glu Ser Leu Phe Gln Val Met Lys Leu
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Leu Asn Gln Ile Ser Gly Leu Leu Glu Leu Glu Phe Asp Asp Cys Thr
275 280 285

Leu Asn Gly Val Gly Asn Phe Arg Ala Ser Asp Asn Asp Arg Val Ile
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Asp Pro Gly Lys Val Glu Thr Leu Thr Ile Arg Arg Leu His Ile Pro
305 310 315 320

Arg Phe Tyr Leu Phe Tyr Asp Leu Ser Thr Leu Tyr Ser Leu Thr Glu
325 330 335

Arg Val Lys Arg Ile Thr Val Glu Asn Ser Lys Val Phe Leu Val Pro
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Cys Leu Leu Ser Gln His Leu Lys Ser Leu Glu Tyr Leu Asp Leu Ser
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Glu Asn Leu Met Val Glu Glu Tyr Leu Lys Asn Ser Ala Cys Glu Asp
370 375 380

Ala Trp Pro Ser Leu Gln Thr Leu Ile Leu Arg Gln Asn His Leu Ala
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Ser Leu Glu Lys Thr Gly Glu Thr Leu Leu Thr Leu Lys Asn Leu Thr
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Asn Ile Asp Ile Ser Lys Asn Ser Phe His Ser Met Pro Glu Thr Cys
420 425 430

Gln Trp Pro Glu Lys Met Lys Tyr Leu Asn Leu Ser Ser Thr Arg Ile
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 His Ser Val Thr Gly Cys Ile Pro Lys Thr Leu Glu Ile Leu Asp Val
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 565 570 575
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 580 585 590
 Gly Met Cys Cys Ala Leu Phe Leu Leu Ile Leu Leu Thr Gly Val Leu
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 Cys His Arg Phe His Gly Leu Trp Tyr Met Lys Met Met Trp Ala Trp
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 645 650 655
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 Glu Asn Phe Val Lys Ser Glu Trp Cys Lys Tyr Glu Leu Asp Phe Ser

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 740 745 750
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 35 40 45
 Gly Leu Thr Ala Ala Met Lys Ser Leu Asp Leu Ser Phe Asn Lys Ile
 50 55 60
 Thr Tyr Ile Gly His Gly Asp Leu Arg Ala Cys Ala Asn Leu Gln Val
 65 70 75 80
 Leu Met Leu Lys Ser Ser Arg Ile Asn Thr Ile Glu Gly Asp Ala Phe
 85 90 95
 Tyr Ser Leu Gly Ser Leu Glu His Leu Asp Leu Ser Asp Asn His Leu
 100 105 110
 Ser Ser Leu Ser Ser Ser Trp Phe Gly Pro Leu Ser Ser Leu Lys Tyr
 115 120 125
 Leu Asn Leu Met Gly Asn Pro Tyr Gln Thr Leu Gly Val Thr Ser Leu
 130 135 140
 Phe Pro Asn Leu Thr Asn Leu Gln Thr Leu Arg Ile Gly Asn Val Glu
 145 150 155 160
 Thr Phe Ser Glu Ile Arg Arg Ile Asp Phe Ala Gly Leu Thr Ser Leu
 165 170 175

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 Ser Leu Lys Ser Ile Arg Asp Ile His His Leu Thr Leu His Leu Ser
 195 200 205
 Glu Ser Ala Phe Leu Leu Glu Ile Phe Ala Asp Ile Leu Ser Ser Val
 210 215 220
 Arg Tyr Leu Glu Leu Arg Asp Thr Asn Leu Ala Arg Phe Gln Phe Ser
 225 230 235 240
 Pro Leu Pro Val Asp Glu Val Ser Ser Pro Met Lys Lys Leu Ala Phe
 245 250 255
 Arg Gly Ser Val Leu Thr Asp Glu Ser Phe Asn Glu Leu Leu Lys Leu
 260 265 270
 Leu Arg Tyr Ile Leu Glu Leu Ser Glu Val Glu Phe Asp Asp Cys Thr
 275 280 285
 Leu Asn Gly Leu Gly Asp Phe Asn Pro Ser Glu Ser Asp Val Val Ser
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 Glu Leu Gly Lys Val Glu Thr Val Thr Ile Arg Arg Leu His Ile Pro
 305 310 315 320
 Gln Phe Tyr Leu Phe Tyr Asp Leu Ser Thr Val Tyr Ser Leu Leu Glu
 325 330 335
 Lys Val Lys Arg Ile Thr Val Glu Asn Ser Lys Val Phe Leu Val Pro
 340 345 350
 Cys Ser Phe Ser Gln His Leu Lys Ser Leu Glu Phe Leu Asp Leu Ser
 355 360 365
 Glu Asn Leu Met Val Glu Glu Tyr Leu Lys Asn Ser Ala Cys Lys Gly
 370 375 380
 Ala Trp Pro Ser Leu Gln Thr Leu Val Leu Ser Gln Asn His Leu Arg
 385 390 395 400
 Ser Met Gln Lys Thr Gly Glu Ile Leu Leu Thr Leu Lys Asn Leu Thr
 405 410 415
 Ser Leu Asp Ile Ser Arg Asn Thr Phe His Pro Met Pro Asp Ser Cys
 420 425 430
 Gln Trp Pro Glu Lys Met Arg Phe Leu Asn Leu Ser Ser Thr Gly Ile
 435 440 445

Arg Val Val Lys Thr Cys Ile Pro Gln Thr Leu Glu Val Leu Asp Val
 450 455 460
 Ser Asn Asn Asn Leu Asp Ser Phe Ser Leu Phe Leu Pro Arg Leu Gln
 465 470 475 480
 Glu Leu Tyr Ile Ser Arg Asn Lys Leu Lys Thr Leu Pro Asp Ala Ser
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 Leu Phe Pro Val Leu Leu Val Met Lys Ile Arg Glu Asn Ala Val Ser
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 Glu Ala Gly Asp Asn His Phe Val Cys Ser Cys Glu Leu Leu Ser Phe
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 545 550 555 560
 Ser Tyr Leu Cys Asp Ser Pro Pro Arg Leu His Gly His Arg Leu Gln
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 Asp Ala Arg Pro Ser Val Leu Glu Cys His Gln Ala Ala Leu Val Ser
 580 585 590
 Gly Val Cys Cys Ala Leu Leu Leu Leu Ile Leu Leu Val Gly Ala Leu
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 Cys His His Phe His Gly Leu Trp Tyr Leu Arg Met Met Trp Ala Trp
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 Leu Gln Ala Lys Arg Lys Pro Lys Lys Ala Pro Cys Arg Asp Val Cys
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 Tyr Asp Ala Phe Val Ser Tyr Ser Glu Gln Asp Ser His Trp Val Glu
 645 650 655
 Asn Leu Met Val Gln Gln Leu Glu Asn Ser Asp Pro Pro Phe Lys Leu
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 Cys Leu His Lys Arg Asp Phe Val Pro Gly Lys Trp Ile Ile Asp Asn
 675 680 685
 Ile Ile Asp Ser Ile Glu Lys Ser His Lys Thr Val Phe Val Leu Ser
 690 695 700
 Glu Asn Phe Val Arg Ser Glu Trp Cys Lys Tyr Glu Leu Asp Phe Ser
 705 710 715 720
 His Phe Arg Leu Phe Asp Glu Asn Asn Asp Ala Ala Ile Leu Val Leu

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Leu Glu Pro Ile Glu Arg Lys Ala Ile Pro Gln Arg Phe Cys Lys Leu
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Asn Gly Ile Cys Lys Gly Ser Ser Gly Ser Leu Asn Ser Ile Pro Ser
 35 40 45

Gly Leu Thr Glu Ala Val Lys Ser Leu Asp Leu Ser Asn Asn Arg Ile
 50 55 60

Thr Tyr Ile Ser Asn Ser Asp Leu Gln Arg Cys Val Asn Leu Gln Ala
 65 70 75 80

Leu Val Leu Thr Ser Asn Gly Ile Asn Thr Ile Glu Glu Asp Ser Phe
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Ser Ser Leu Gly Ser Leu Glu His Leu Asp Leu Ser Tyr Asn Tyr Leu
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 Leu Asn Leu Leu Gly Asn Pro Tyr Lys Thr Leu Gly Glu Thr Ser Leu
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 Phe Ser His Leu Thr Lys Leu Gln Ile Leu Arg Val Gly Asn Met Asp
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 Thr Phe Thr Lys Ile Gln Arg Lys Asp Phe Ala Gly Leu Thr Phe Leu
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 Glu Glu Leu Glu Ile Asp Ala Ser Asp Leu Gln Ser Tyr Glu Pro Lys
 180 185 190
 Ser Leu Lys Ser Ile Gln Asn Val Ser His Leu Ile Leu His Met Lys
 195 200 205
 Gln His Ile Leu Leu Leu Glu Ile Phe Val Asp Val Thr Ser Ser Val
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 Glu Cys Leu Glu Leu Arg Asp Thr Asp Leu Asp Thr Phe His Phe Ser
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 Glu Leu Ser Thr Gly Glu Thr Asn Ser Leu Ile Lys Lys Phe Thr Phe
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 Leu Asn Gly Val Gly Asn Phe Arg Ala Ser Asp Asn Asp Arg Val Ile
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 Asp Pro Gly Lys Val Glu Thr Leu Thr Ile Arg Arg Leu His Ile Pro
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 Arg Val Lys Arg Ile Thr Val Glu Asn Ser Lys Val Phe Leu Val Pro
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 Cys Leu Leu Ser Gln His Leu Lys Ser Leu Glu Tyr Leu Asp Leu Ser
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PhoenixTemp469.tmp.txt

Glu Asn Leu Met Val Glu Glu Tyr Leu Lys Asn Ser Ala Cys Glu Asp
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 Ala Trp Pro Ser Leu Gln Thr Leu Ile Leu Arg Gln Asn His Leu Ala
 385 390 395 400
 Ser Leu Glu Lys Thr Gly Glu Thr Leu Leu Thr Leu Lys Asn Leu Thr
 405 410 415
 Asn Ile Asp Ile Ser Lys Asn Ser Phe His Ser Met Pro Glu Thr Cys
 420 425 430
 Gln Trp Pro Glu Lys Met Lys Tyr Leu Asn Leu Ser Ser Thr Arg Ile
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 His Ser Val Thr Gly Cys Ile Pro Lys Thr Leu Glu Ile Leu Asp Val
 450 455 460
 Ser Asn Asn Asn Leu Asn Leu Phe Ser Leu Asn Leu Pro Gln Leu Lys
 465 470 475 480
 Glu Leu Tyr Ile Ser Arg Asn Lys Leu Met Thr Leu Pro Asp Ala Ser
 485 490 495
 Leu Leu Pro Met Leu Leu Val Leu Lys Ile Ser Arg Asn Ala Ile Thr
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 Thr Phe Ser Lys Glu Gln Leu Asp Ser Phe His Thr Leu Lys Thr Leu
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 Glu Ala Gly Gly Asn Asn Phe Ile Cys Ser Cys Glu Phe Leu Ser Phe
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 Asn Tyr Leu Cys Asp Ser Pro Ser His Val Arg Gly Gln Gln Val Gln
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 Asp Val Arg Leu Ser Val Ser Glu Cys His
 580 585