SEQUENCE LISTING

<110> BOEHRINGER INGELHEIM INTERNATIONAL GmbH

<120> HEPATITIS C VIRUS NS5B POLYMERASE
INHIBITOR BINDING POCKET

<130> 13/123

<140> 60/469,604
<141> 2003-05-09

<160> 6

<170> FastSEQ for Windows Version 4.0

<210> 1
<211> 576
<212> PRT
<213> HCV

<400> 1

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Ser Met Ser Tyr Thr Trp Thr Gly Ala Leu Ile Thr Pro Cys Ala Ala
 1               5                  10                  15
Glu Glu Ser Lys Leu Pro Ile Asn Pro Leu Ser Asn Ser Leu Leu Arg
            20                  25                  30
His His Asn Met Val Tyr Ala Thr Thr Ser Arg Ser Ala Ser Leu Arg
        35                  40                  45
Gln Lys Lys Val Thr Phe Asp Arg Leu Gln Val Leu Asp Asp His Tyr
    50                  55                  60
Arg Asp Val Leu Lys Glu Met Lys Ala Lys Ala Ser Thr Val Lys Ala
65                  70                  75                  80
Lys Leu Leu Ser Ile Glu Glu Ala Cys Lys Leu Thr Pro Pro His Ser
                85                  90                  95
Ala Lys Ser Lys Phe Gly Tyr Gly Ala Lys Asp Val Arg Asn Leu Ser
            100                 105                 110
Ser Arg Ala Val Asn His Ile Arg Ser Val Trp Glu Asp Leu Leu Glu
        115                 120                 125
Asp Thr Glu Thr Pro Ile Asp Thr Thr Ile Met Ala Lys Ser Glu Val
    130                 135                 140
Phe Cys Val Gln Pro Glu Lys Gly Gly Arg Lys Pro Ala Arg Leu Ile
145                 150                 155                 160
Val Phe Pro Asp Leu Gly Val Arg Val Cys Glu Lys Met Ala Leu Tyr
                165                 170                 175
Asp Val Val Ser Thr Leu Pro Gln Ala Val Met Gly Ser Ser Tyr Gly
            180                 185                 190
Phe Gln Tyr Ser Pro Lys Gln Arg Val Glu Phe Leu Val Asn Thr Trp
        195                 200                 205
Lys Ser Lys Lys Cys Pro Met Gly Phe Ser Tyr Asp Thr Arg Cys Phe
    210                 215                 220
Asp Ser Thr Val Thr Glu Ser Asp Ile Arg Val Glu Glu Ser Ile Tyr
225                 230                 235                 240
Gln Cys Cys Asp Leu Ala Pro Glu Ala Arg Gln Ala Ile Arg Ser Leu
                245                 250                 255
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Thr Glu Arg Leu Tyr Ile Gly Gly Pro Leu Thr Asn Ser Lys Gly Gln
            260                 265                 270
Asn Cys Gly Tyr Arg Arg Cys Arg Ala Ser Gly Val Leu Thr Thr Ser
        275                 280                 285
Cys Gly Asn Thr Leu Thr Cys Tyr Leu Lys Ala Thr Ala Ala Cys Arg
    290                 295                 300
Ala Ala Lys Leu Gln Asp Cys Thr Met Leu Val Asn Gly Asp Asp Leu
305                 310                 315                 320
Val Val Ile Cys Glu Ser Ala Gly Thr Gln Glu Asp Ala Ala Ala Leu
                325                 330                 335
Arg Ala Phe Thr Glu Ala Met Thr Arg Tyr Ser Ala Pro Pro Gly Asp
            340                 345                 350
Pro Pro Gln Pro Glu Tyr Asp Leu Glu Leu Ile Thr Ser Cys Ser Ser
        355                 360                 365
Asn Val Ser Val Ala His Asp Ala Ser Gly Lys Arg Val Tyr Tyr Leu
    370                 375                 380
Thr Arg Asp Pro Thr Thr Pro Leu Ala Arg Ala Ala Trp Glu Thr Ala
385                 390                 395                 400
Arg His Thr Pro Ile Asn Ser Trp Leu Gly Asn Ile Ile Met Tyr Ala
                405                 410                 415
Pro Thr Leu Trp Ala Arg Met Ile Leu Met Thr His Phe Phe Ser Ile
            420                 425                 430
Leu Leu Ala Gln Glu Gln Leu Glu Lys Ala Leu Asp Cys Gln Ile Tyr
        435                 440                 445
Gly Ala Cys Tyr Ser Ile Glu Pro Leu Asp Leu Pro Gln Ile Ile Glu
    450                 455                 460
Arg Leu His Gly Leu Ser Ala Phe Thr Leu His Ser Tyr Ser Pro Gly
465                 470                 475                 480
Glu Ile Asn Arg Val Ala Ser Cys Leu Arg Lys Leu Gly Val Pro Pro
                485                 490                 495
Leu Arg Thr Trp Arg His Arg Ala Arg Ser Val Arg Ala Lys Leu Leu
            500                 505                 510
Ser Gln Gly Gly Arg Ala Ala Thr Cys Gly Arg Tyr Leu Phe Asn Trp
        515                 520                 525
Ala Val Arg Thr Lys Leu Lys Leu Thr Pro Ile Pro Ala Ala Ser Gln
    530                 535                 540
Leu Asp Leu Ser Gly Trp Phe Val Ala Gly Tyr Ser Gly Gly Asp Ile
545                 550                 555                 560
Tyr His Ser Leu Ser Arg Ala Arg Pro Arg His His His His His His
                565                 570                 575
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<210> 2
<211> 4
<212> PRT
<213> HCV

<400> 2
Ser Met Ser Tyr
1

<210> 3
<211> 4
<212> PRT

<213> HCV

<400> 3
Leu Gly Val Pro
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<210> 4
<211> 8
<212> PRT
<213> HCV

<400> 4
Leu Ala Arg Ala Ala Trp Glu Thr
1 5

<210> 5
<211> 6
<212> PRT
<213> HCV

<400> 5
Ile Leu Met Thr His Phe
1 5

<210> 6
<211> 12
<212> PRT
<213> HCV

<400> 6
Leu Gly Val Pro Pro Leu Arg Thr Trp Arg His Arg
1 5 10