SEQUENCE LISTING

<110> SOM INNOVATION BIOTECH, S.A.

<120> COMPOUNDS FOR USE IN THE TREATMENT OF PHENYLKETONURIA

<130> P16481PC00

<150> EP19382102
<151> 2019-02-14

<160> 1

<170> PatentIn version 3.5

<210> 1
<211> 452
<212> PRT
<213> Homo sapiens

<400> 1

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


Gly Ala Ile Ser Leu Ile Phe Ser Leu Lys Glu Glu Val Gly Ala Leu
        35                  40                  45


Ala Lys Val Leu Arg Leu Phe Glu Glu Asn Asp Val Asn Leu Thr His
    50                  55                  60


Ile Glu Ser Arg Pro Ser Arg Leu Lys Lys Asp Glu Tyr Glu Phe Phe
65                  70                  75                  80


Thr His Leu Asp Lys Arg Ser Leu Pro Ala Leu Thr Asn Ile Ile Lys
                85                  90                  95


Ile Leu Arg His Asp Ile Gly Ala Thr Val His Glu Leu Ser Arg Asp
            100                 105                 110


Lys Lys Lys Asp Thr Val Pro Trp Phe Pro Arg Thr Ile Gln Glu Leu
        115                 120                 125


Asp Arg Phe Ala Asn Gln Ile Leu Ser Tyr Gly Ala Glu Leu Asp Ala
    130                 135                 140
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Asp His Pro Gly Phe Lys Asp Pro Val Tyr Arg Ala Arg Arg Lys Gln
145                 150                 155                 160

Phe Ala Asp Ile Ala Tyr Asn Tyr Arg His Gly Gln Pro Ile Pro Arg
                165                 170                 175

Val Glu Tyr Met Glu Glu Glu Lys Lys Thr Trp Gly Thr Val Phe Lys
            180                 185                 190

Thr Leu Lys Ser Leu Tyr Lys Thr His Ala Cys Tyr Glu Tyr Asn His
        195                 200                 205

Ile Phe Pro Leu Leu Glu Lys Tyr Cys Gly Phe His Glu Asp Asn Ile
    210                 215                 220

Pro Gln Leu Glu Asp Val Ser Gln Phe Leu Gln Thr Cys Thr Gly Phe
225                 230                 235                 240

Arg Leu Arg Pro Val Ala Gly Leu Leu Ser Ser Arg Asp Phe Leu Gly
                245                 250                 255

Gly Leu Ala Phe Arg Val Phe His Cys Thr Gln Tyr Ile Arg His Gly
            260                 265                 270

Ser Lys Pro Met Tyr Thr Pro Glu Pro Asp Ile Cys His Glu Leu Leu
        275                 280                 285

Gly His Val Pro Leu Phe Ser Asp Arg Ser Phe Ala Gln Phe Ser Gln
    290                 295                 300

Glu Ile Gly Leu Ala Ser Leu Gly Ala Pro Asp Glu Tyr Ile Glu Lys
305                 310                 315                 320

Leu Ala Thr Ile Tyr Trp Phe Thr Val Glu Phe Gly Leu Cys Lys Gln
                325                 330                 335

Gly Asp Ser Ile Lys Ala Tyr Gly Ala Gly Leu Leu Ser Ser Phe Gly
            340                 345                 350

Glu Leu Gln Tyr Cys Leu Ser Glu Lys Pro Lys Leu Leu Pro Leu Glu
        355                 360                 365
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Leu Glu Lys Thr Ala Ile Gln Asn Tyr Thr Val Thr Glu Phe Gln Pro
    370                 375                 380

Leu Tyr Tyr Val Ala Glu Ser Phe Asn Asp Ala Lys Glu Lys Val Arg
385                 390                 395                 400

Asn Phe Ala Ala Thr Ile Pro Arg Pro Phe Ser Val Arg Tyr Asp Pro
                405                 410                 415

Tyr Thr Gln Arg Ile Glu Val Leu Asp Asn Thr Gln Gln Leu Lys Ile
            420                 425                 430

Leu Ala Asp Ser Ile Asn Ser Glu Ile Gly Ile Leu Cys Ser Ala Leu
        435                 440                 445

Gln Lys Ile Lys
    450
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