SEQUENCE LISTING

<110> Siekmann, et al.

<120> Nucleophilic Catalysts for Oxime Linkage

<130> 31315/46394

<160> 1

<170> PatentIn version 3.5

<210> 1
<211> 422
<212> PRT
<213> Homo sapiens

<400> 1

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Leu Asn Arg Pro Lys Arg Tyr Asn Ser Gly Lys Leu Glu Glu Phe Val
1               5                  10                  15

Gln Gly Asn Leu Glu Arg Glu Cys Met Glu Glu Lys Cys Ser Phe Glu
            20                  25                  30

Glu Pro Arg Glu Val Phe Glu Asn Thr Glu Lys Thr Thr Glu Phe Trp
        35                  40                  45

Lys Gln Tyr Val Asp Gly Asp Gln Cys Glu Ser Asn Pro Cys Leu Asn
    50                  55                  60

Gly Gly Ser Cys Lys Asp Asp Ile Asn Ser Tyr Glu Cys Trp Cys Pro
65                  70                  75                  80

Phe Gly Phe Glu Gly Lys Asn Cys Glu Leu Asp Val Thr Cys Asn Ile
                85                  90                  95

Lys Asn Gly Arg Cys Glu Gln Phe Cys Lys Asn Ser Ala Asp Asn Lys
            100                 105                 110

Val Val Cys Ser Cys Thr Glu Gly Tyr Arg Leu Ala Glu Asn Gln Lys
        115                 120                 125

Ser Cys Glu Pro Ala Val Pro Phe Pro Cys Gly Arg Val Ser Val Ser
    130                 135                 140

Gln Thr Ser Lys Leu Thr Arg Ala Glu Ala Val Phe Pro Asp Val Asp
145                 150                 155                 160

Tyr Val Asn Pro Thr Glu Ala Glu Thr Ile Leu Asp Asn Ile Thr Gln
                165                 170                 175

Gly Thr Gln Ser Phe Asn Asp Phe Thr Arg Val Val Gly Gly Glu Asp
            180                 185                 190

Ala Lys Pro Gly Gln Phe Pro Trp Gln Val Val Leu Asn Gly Lys Val
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        195                 200                 205

Asp Ala Phe Cys Gly Gly Ser Ile Val Asn Glu Lys Trp Ile Val Thr
    210                 215                 220

Ala Ala His Cys Val Glu Thr Gly Val Lys Ile Thr Val Val Ala Gly
225                 230                 235                 240

Glu His Asn Ile Glu Glu Thr Glu His Thr Glu Gln Lys Arg Asn Val
                245                 250                 255

Ile Arg Ala Ile Ile Pro His His Asn Tyr Asn Ala Ala Ile Asn Lys
            260                 265                 270

Tyr Asn His Asp Ile Ala Leu Leu Glu Leu Asp Glu Pro Leu Val Leu
        275                 280                 285

Asn Ser Tyr Val Thr Pro Ile Cys Ile Ala Asp Lys Glu Tyr Thr Asn
    290                 295                 300

Ile Phe Leu Lys Phe Gly Ser Gly Tyr Val Ser Gly Trp Ala Arg Val
305                 310                 315                 320

Phe His Lys Gly Arg Ser Ala Leu Val Leu Gln Tyr Leu Arg Val Pro
                325                 330                 335

Leu Val Asp Arg Ala Thr Cys Leu Arg Ser Thr Lys Phe Thr Ile Tyr
            340                 345                 350

Asn Asn Met Phe Cys Ala Gly Phe His Glu Gly Gly Arg Asp Ser Cys
        355                 360                 365

Gln Gly Asp Ser Gly Gly Pro His Val Thr Glu Val Glu Gly Thr Ser
    370                 375                 380

Phe Leu Thr Gly Ile Ile Ser Trp Gly Glu Glu Cys Ala Met Lys Gly
385                 390                 395                 400

Lys Tyr Gly Ile Tyr Thr Lys Val Ser Arg Tyr Val Asn Trp Ile Lys
                405                 410                 415

Glu Lys Thr Lys Leu Thr
            420
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