

46394_SeqListing.txt
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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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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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