

SEQUENCE LISTING

<110> Sumitomo Chemical Co.,Ltd.

<120> Method for producing optical active α -substituted- β -amino acid

<130> S32802W001

<150> JP 2011-277194

<151> 2011-12-19

<160> 1

<210> 1

<211> 370

<212> PRT

<213> Chromobacterium

<400> 1

Met Thr Leu Phe Asp Gly Ile Thr Ser Arg Ile Val Asp Thr Asp Arg
1 5 10 15

Leu Thr Val Asn Ile Leu Glu Arg Ala Ala Asp Asp Pro Gln Thr Pro
20 25 30

Pro Asp Arg Thr Val Val Phe Val His Gly Asn Val Ser Ser Ala Leu
35 40 45

Phe Trp Gln Glu Ile Met Gln Asp Leu Pro Ser Asp Leu Arg Ala Ile
50 55 60

Ala Val Asp Leu Arg Gly Phe Gly Gly Ser Glu His Ala Pro Val Asp
65 70 75 80

Ala Thr Arg Gly Val Arg Asp Phe Ser Asp Asp Leu His Ala Thr Leu
85 90 95

Glu Ala Leu Asp Ile Pro Val Ala His Leu Val Gly Trp Ser Met Gly
100 105 110

Gly Gly Val Val Met Gln Tyr Ala Leu Asp His Pro Val Leu Ser Leu
115 120 125

Thr Leu Gln Ser Pro Val Ser Pro Tyr Gly Phe Gly Gly Thr Arg Arg
130 135 140

Asp Gly Ser Arg Leu Thr Asp Asp Ala Gly Cys Gly Gly Gly Gly
145 150 155 160

Ala Asn Pro Asp Phe Ile Gln Arg Leu Ile Asp His Asp Thr Ser Asp
165 170 175

Asp Ala Gln Thr Ser Pro Arg Ser Val Phe Arg Ala Gly Tyr Val Ala
180 185 190

Ser Asp Tyr Thr Thr Asp His Glu Asp Val Trp Val Glu Ser Met Leu
195 200 205

Thr Thr Ser Thr Ala Asp Gly Asn Tyr Pro Gly Asp Ala Val Pro Ser
210 215 220

Asp Asn Trp Pro Gly Phe Ala Ala Gly Arg His Gly Val Leu Asn Thr
225 230 235 240

Met Ala Pro Gln Tyr Phe Asp Val Ser Gly Ile Val Asp Leu Ala Glu
245 250 255

Lys Pro Pro Ile Leu Trp Ile His Gly Thr Ala Asp Ala Ile Val Ser
260 265 270

Asp Ala Ser Phe Tyr Asp Leu Asn Tyr Leu Gly Gln Leu Gly Ile Val
275 280 285

Pro Gly Trp Pro Gly Glu Asp Val Ala Pro Ala Gln Glu Met Val Ser
290 295 300

Gln Thr Arg Asp Val Leu Gly Arg Tyr Ala Ala Gly Gly Gly Thr Val
305 310 315 320

Thr Glu Val Ala Val Glu Gly Ala Gly His Ser Ala His Leu Glu Arg
325 330 335

Pro Ala Val Phe Arg His Ala Leu Leu Glu Ile Ile Gly Tyr Val Gly
340 345 350

Ala Ala Ala Asp Pro Ala Pro Pro Thr Glu Ala Ile Ile Ile Arg Ser

355

360

365

Ala Asp

370