

41245522001WO\_ST25  
SEQUENCE LISTING

<110> Madrigal Pharmaceuticals, Inc.  
F. Hoffmann-La Roche Ltd.

<120> METHOD OF SYNTHESIZING THYROID HORMONE ANALOGS AND POLYMORPHS  
THEREOF

<130> 41245-522001WO

<150> US 61/702,137

<151> 2012-09-17

<150> US 61/790,432

<151> 2013-03-15

<160> 2

<170> PatentIn version 3.5

<210> 1

<211> 259

<212> PRT

<213> Homo sapiens

<400> 1

Glu Leu Gln Lys Ser Ile Gly His Lys Pro Glu Pro Thr Asp Glu Glu  
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Trp Glu Leu Ile Lys Thr Val Thr Glu Ala His Val Ala Thr Asn Ala  
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Gln Gly Ser His Trp Lys Gln Lys Arg Lys Phe Leu Pro Glu Asp Ile  
35 40 45

Gly Gln Ala Pro Ile Val Asn Ala Pro Glu Gly Gly Lys Val Asp Leu  
50 55 60

Glu Ala Phe Ser His Phe Thr Lys Ile Ile Thr Pro Ala Ile Thr Arg  
65 70 75 80

## 41245522001W0\_ST25

Val Val Asp Phe Ala Lys Lys Leu Pro Met Phe Cys Glu Leu Pro Cys  
85 90 95

Glu Asp Gln Ile Ile Leu Leu Lys Gly Cys Cys Met Glu Ile Met Ser  
100 105 110

Leu Arg Ala Ala Val Arg Tyr Asp Pro Glu Ser Glu Thr Leu Thr Leu  
115 120 125

Asn Gly Glu Met Ala Val Thr Arg Gly Gln Leu Lys Asn Gly Gly Leu  
130 135 140

Gly Val Val Ser Asp Ala Ile Phe Asp Leu Gly Met Ser Leu Ser Ser  
145 150 155 160

Phe Asn Leu Asp Asp Thr Glu Val Ala Leu Leu Gln Ala Val Leu Leu  
165 170 175

Met Ser Ser Asp Arg Pro Gly Leu Ala Cys Val Glu Arg Ile Glu Lys  
180 185 190

Tyr Gln Asp Ser Phe Leu Leu Ala Phe Glu His Tyr Ile Asn Tyr Arg  
195 200 205

Lys His His Val Thr His Phe Trp Pro Lys Leu Leu Met Lys Val Thr  
210 215 220

Asp Leu Arg Met Ile Gly Ala Cys His Ala Ser Arg Phe Leu His Met  
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Lys Val Glu Cys Pro Thr Glu Leu Phe Pro Pro Leu Phe Leu Glu Val  
245 250 255

Phe Glu Asp

## 41245522001W0\_ST25

&lt;210&gt; 2

&lt;211&gt; 780

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2

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