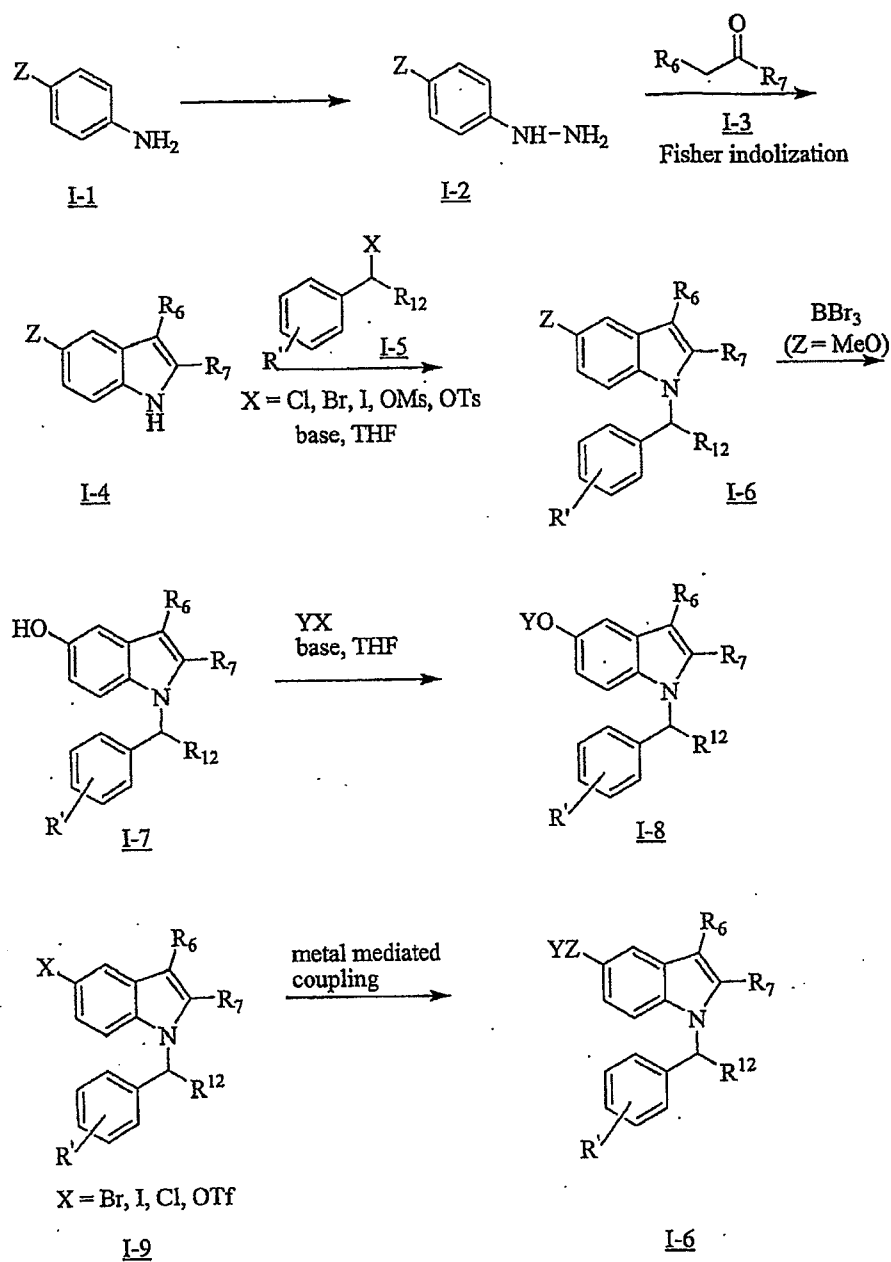


Scheme I**Figure 1**

2/14

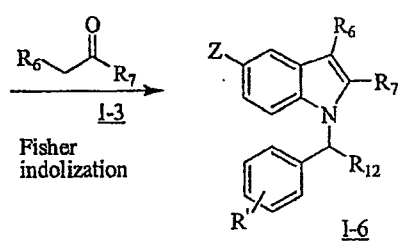
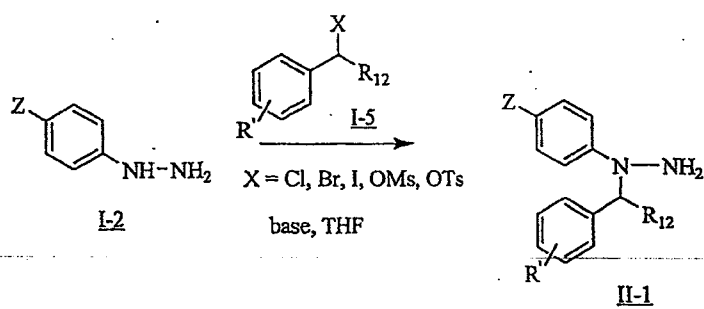
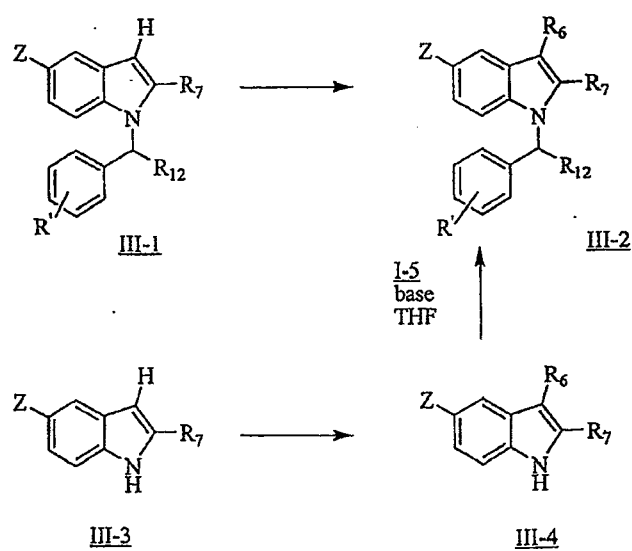
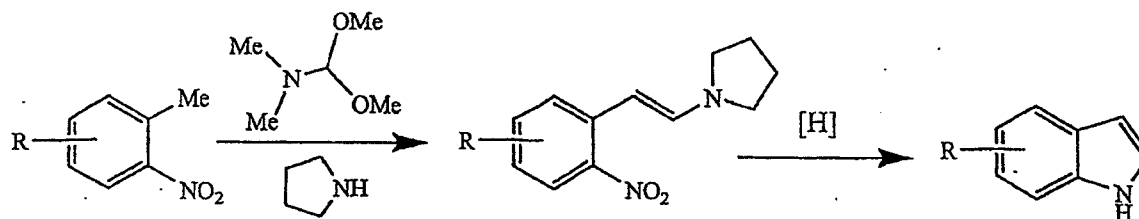
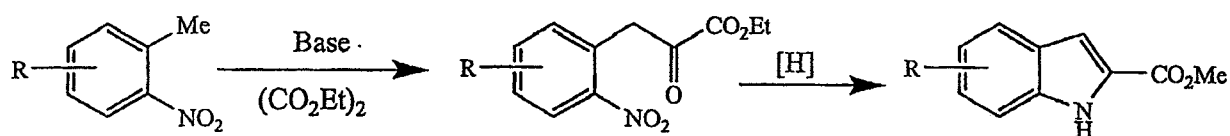
Scheme IIScheme III

Figure 2

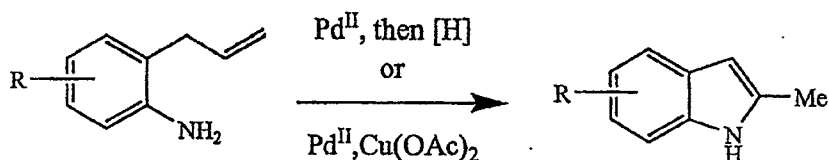
Batcho-Leimgruber Indole Synthesis



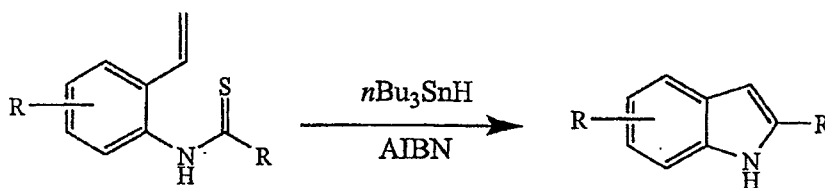
Reissert Indole Synthesis



Hegedus Indole Synthesis



Fukuyama Indole Synthesis



Sugasawa Indole Synthesis

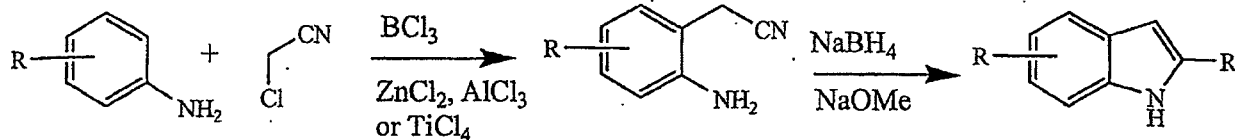
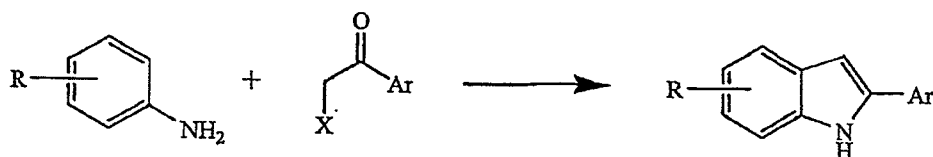
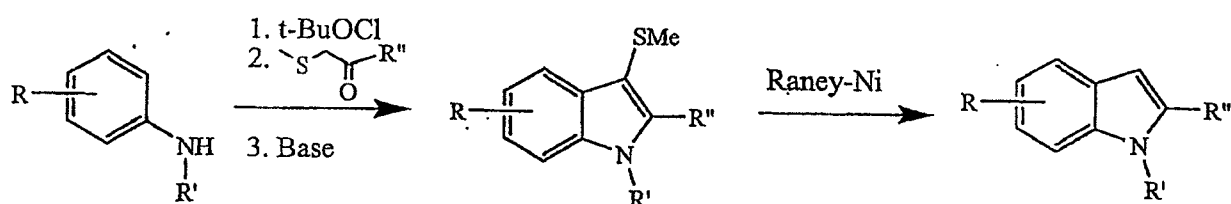


Figure 3

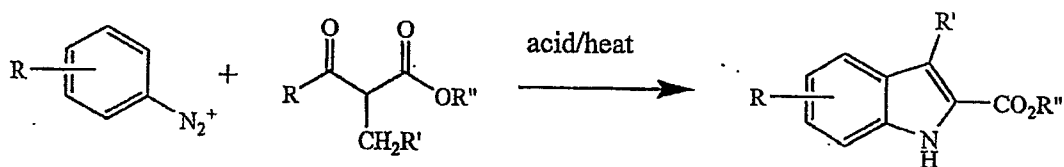
Bischler Indole Synthesis



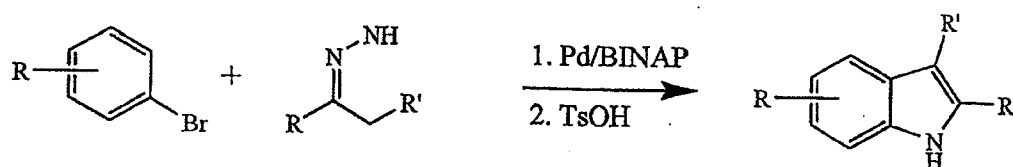
Gassman Indole Synthesis



Japp-Klingemann Indole Synthesis



Buchwald Indole Synthesis



Larock Indole Synthesis

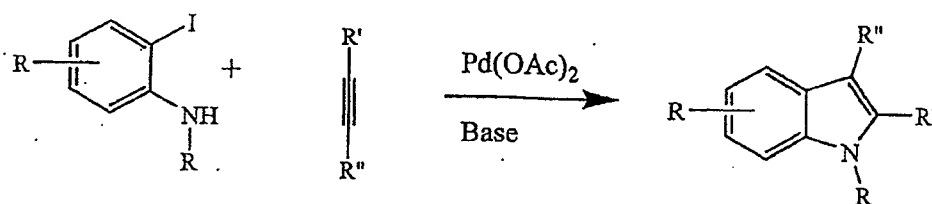
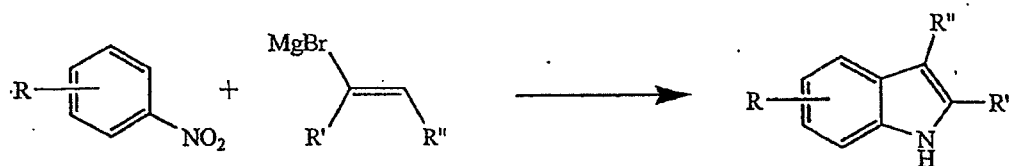


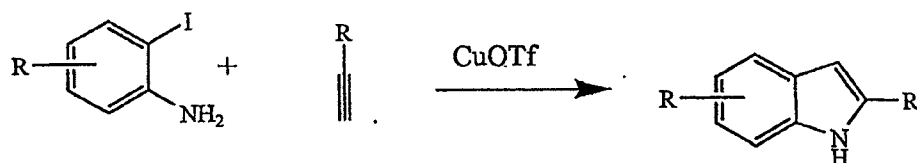
Figure 4

5/14

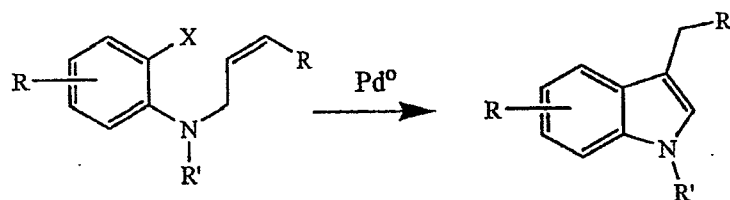
Bartoli Indole Synthesis



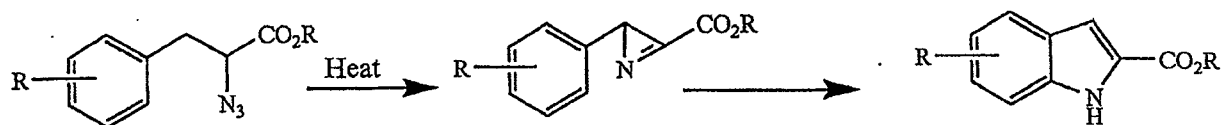
Castro Indole Synthesis



Heck Indole Synthesis



Hemetsberger Indole Synthesis



Mori-Ban Indole Synthesis

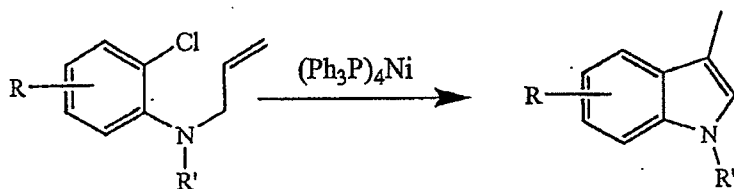
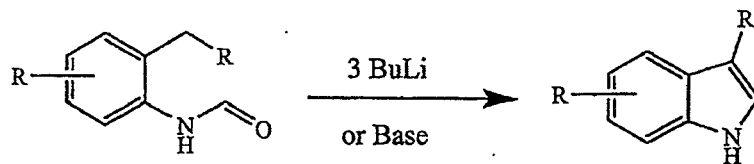


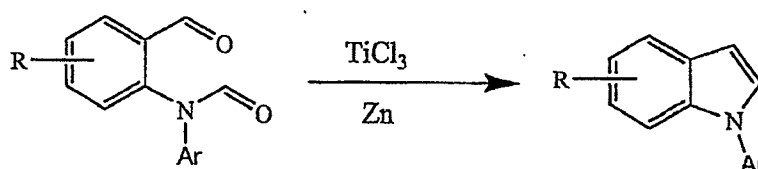
Figure 5

6/14

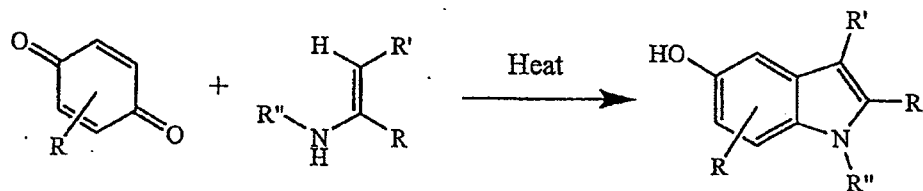
Madelung Indole Synthesis



McMurray Indole Synthesis



Nenitzescu Indole Synthesis



Other Syntheses

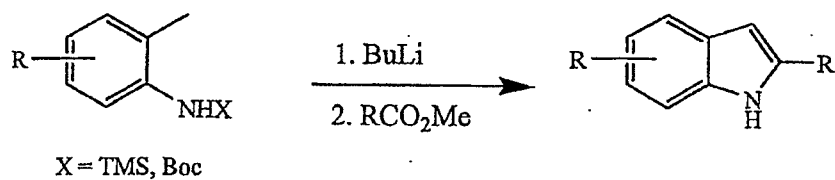
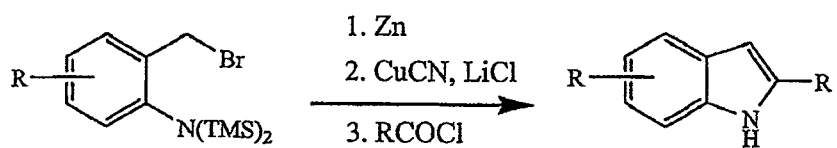
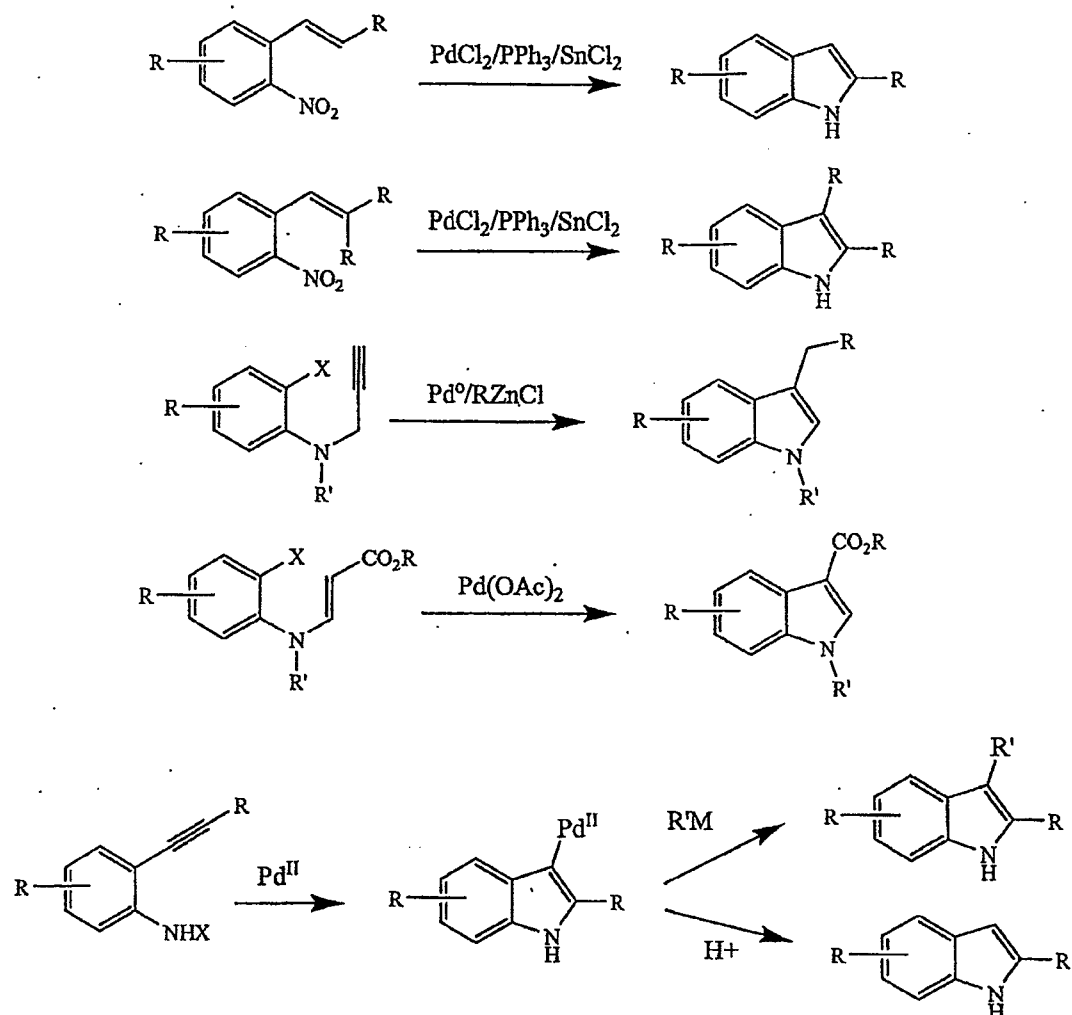


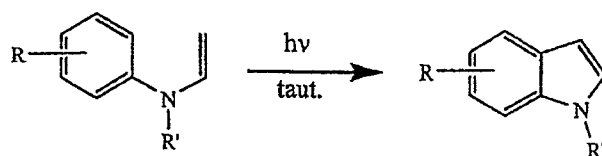
Figure 6

7/14

Using Palladium



Photochemical



Acid Catalyzed Cyclization

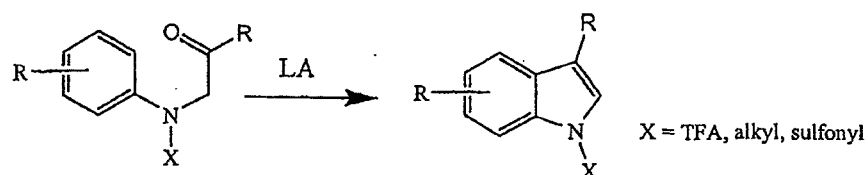


Figure 7

Figure 8

9/14

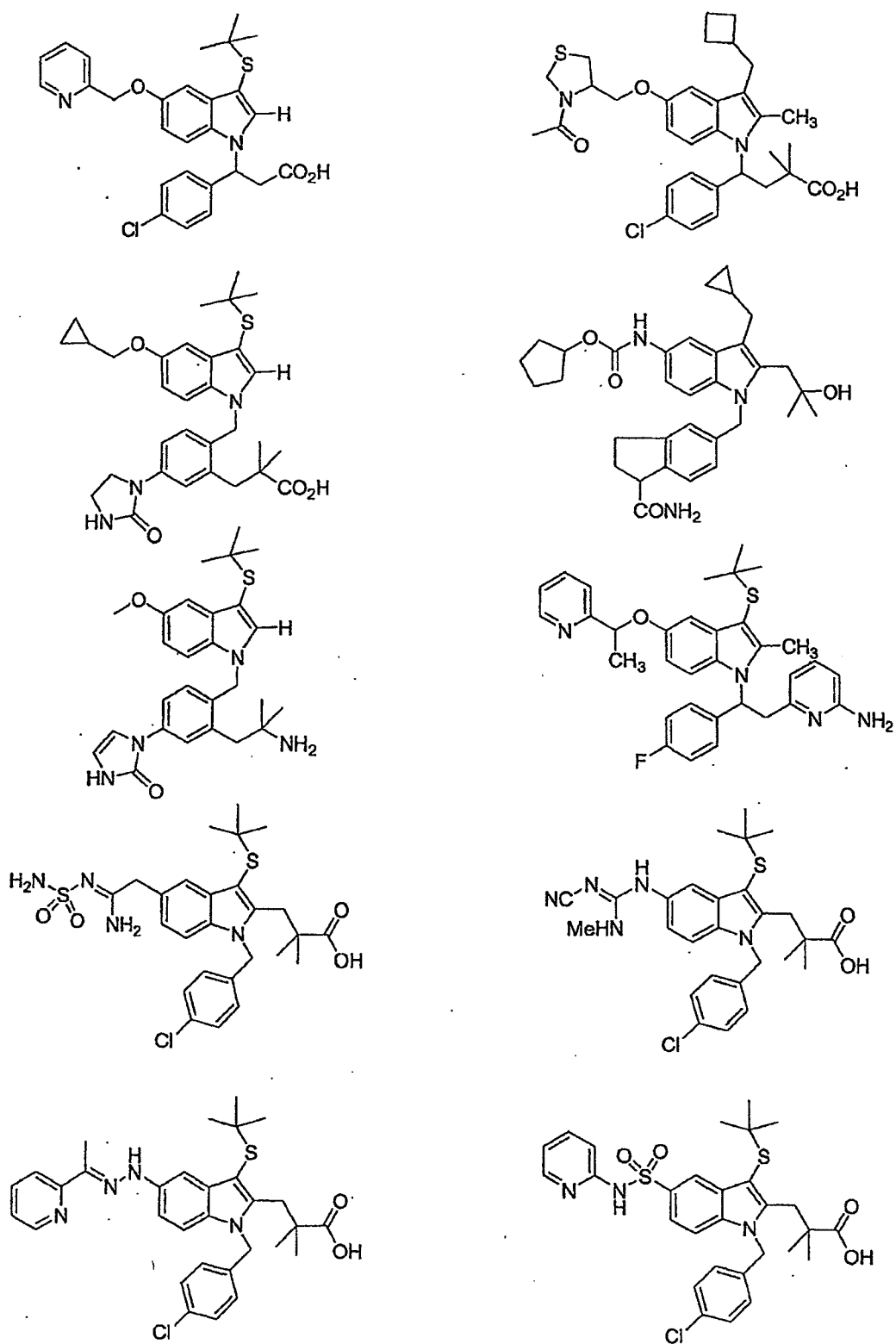


Figure 9

10/14

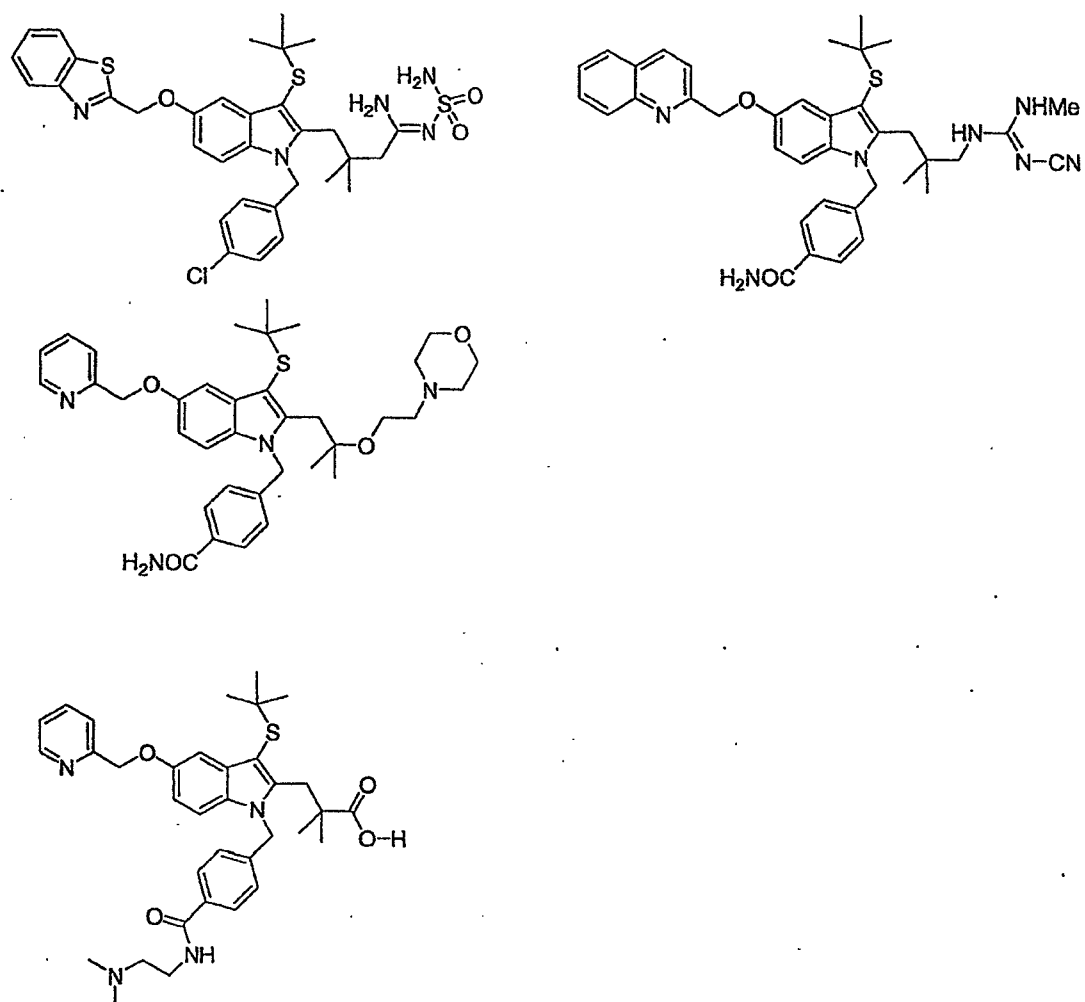


Figure 10

11/14

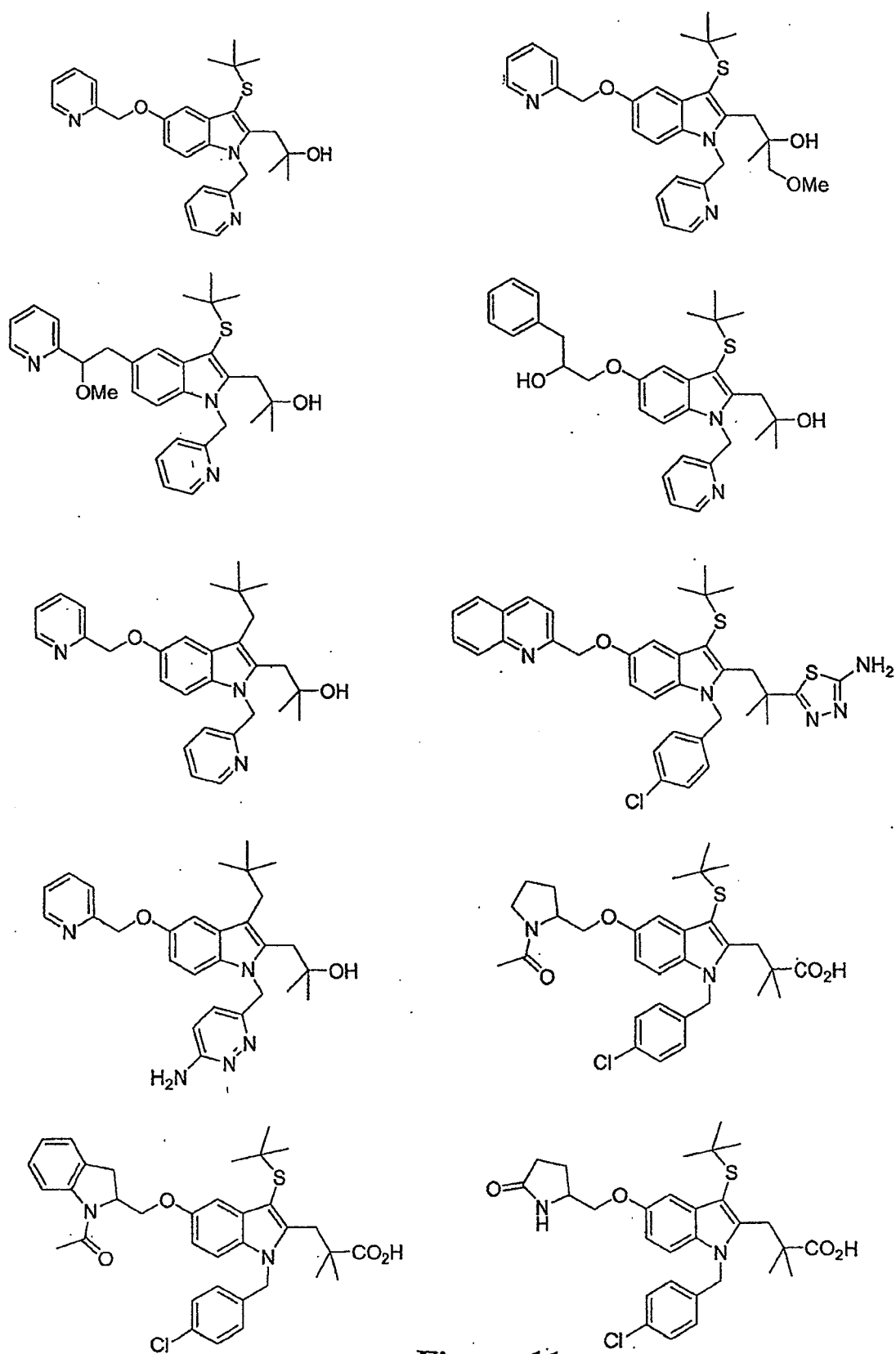


Figure 11

12/14

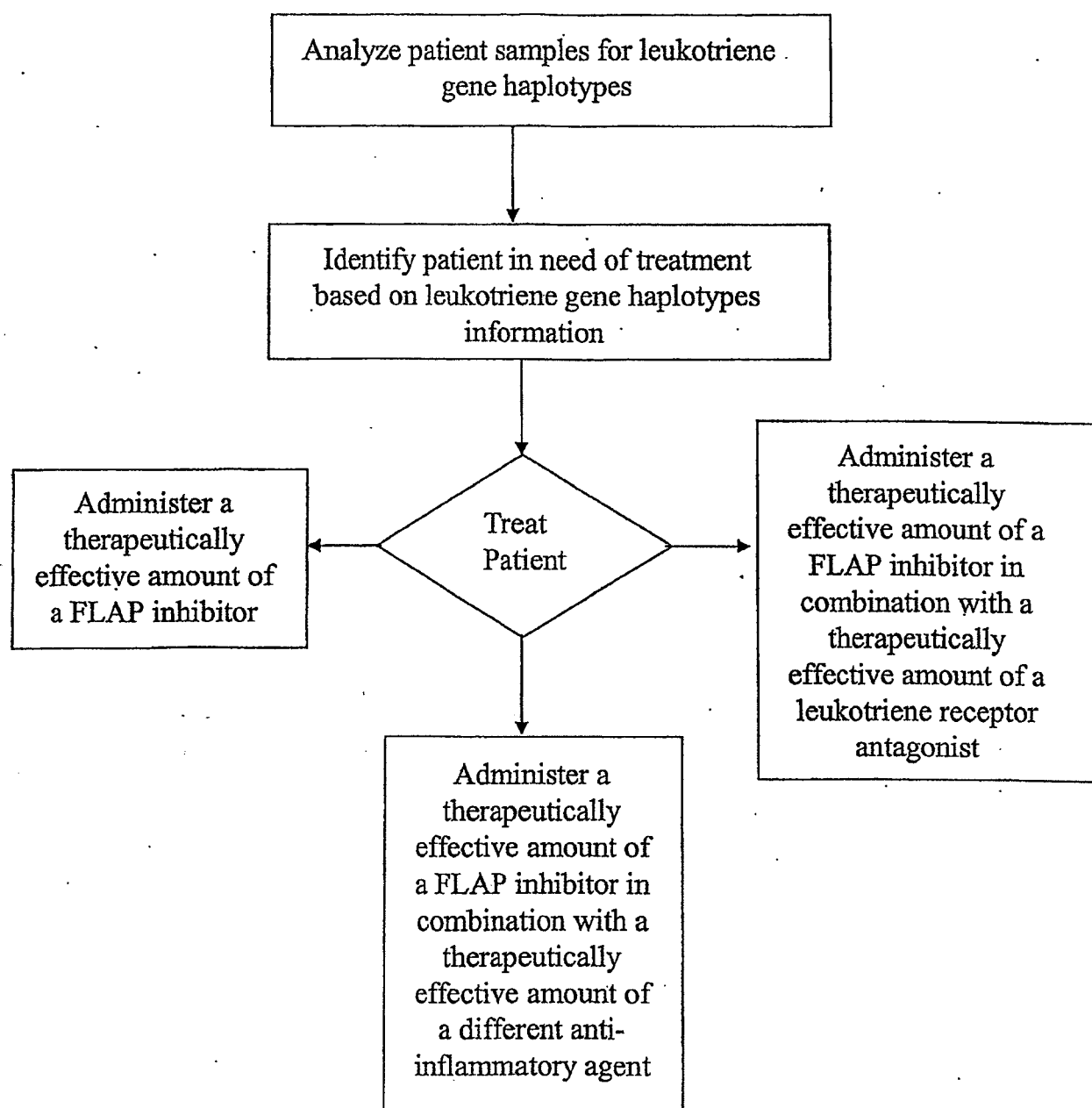


Figure 12

13/14

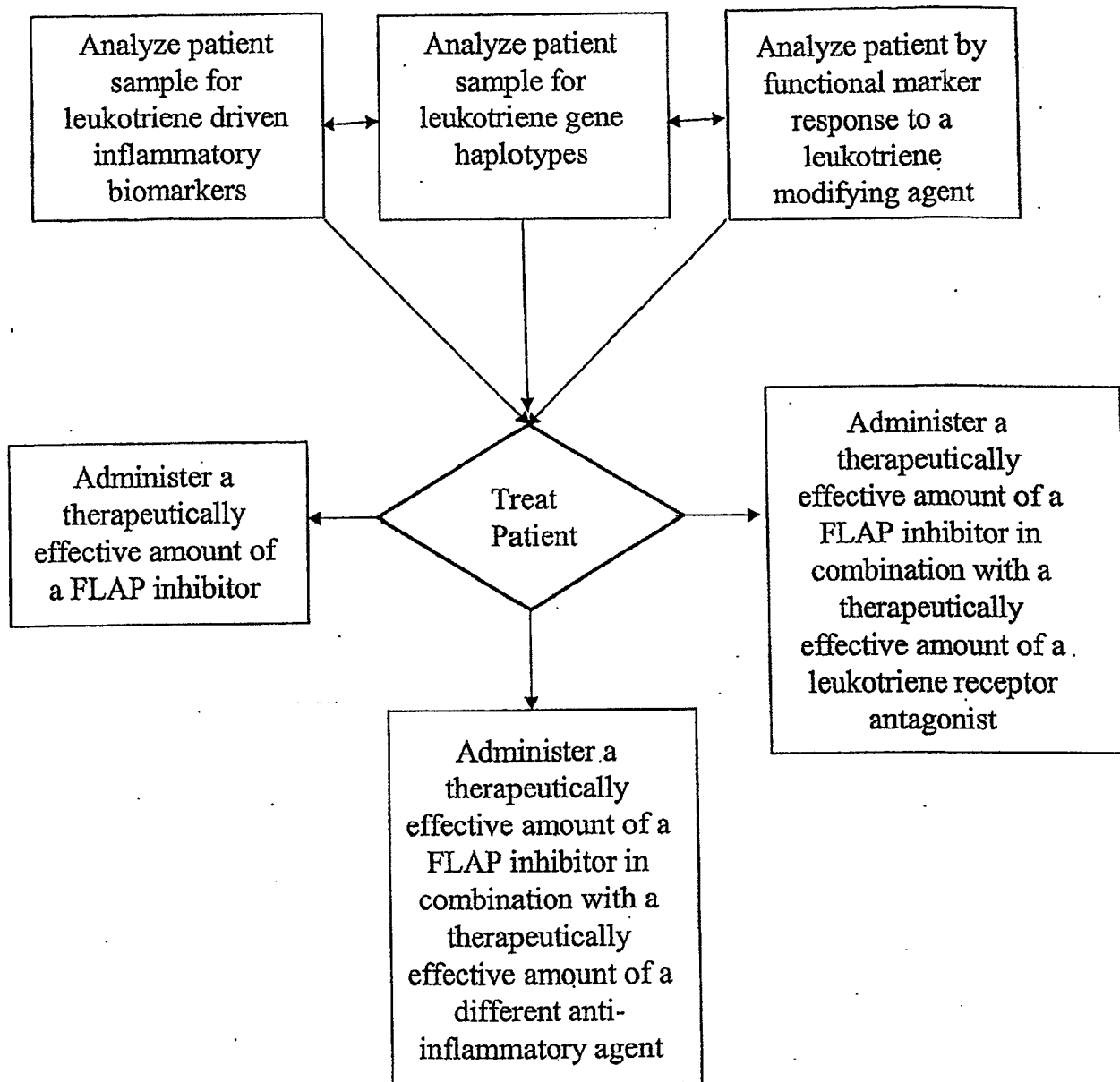


Figure 13

14/14

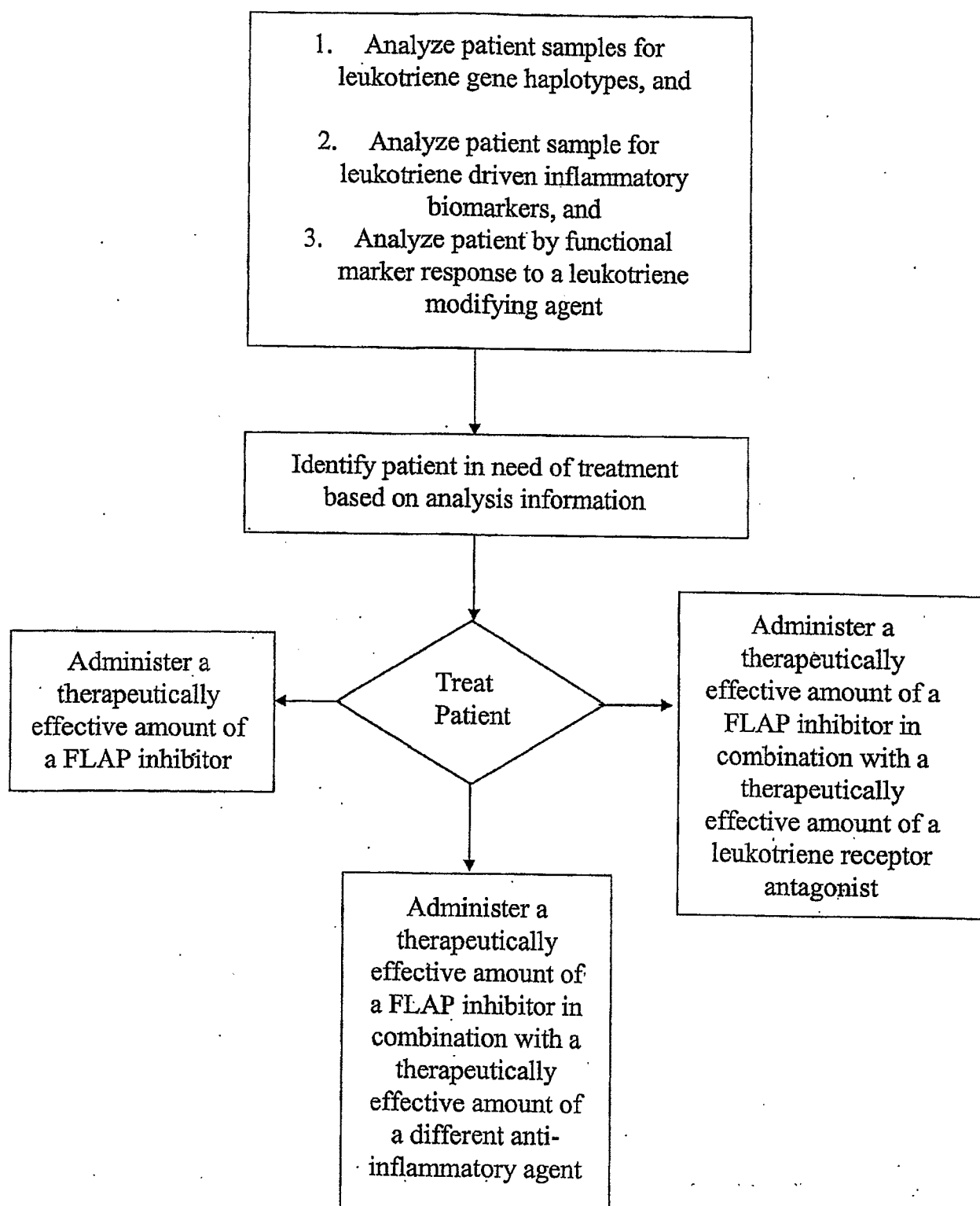


Figure 14