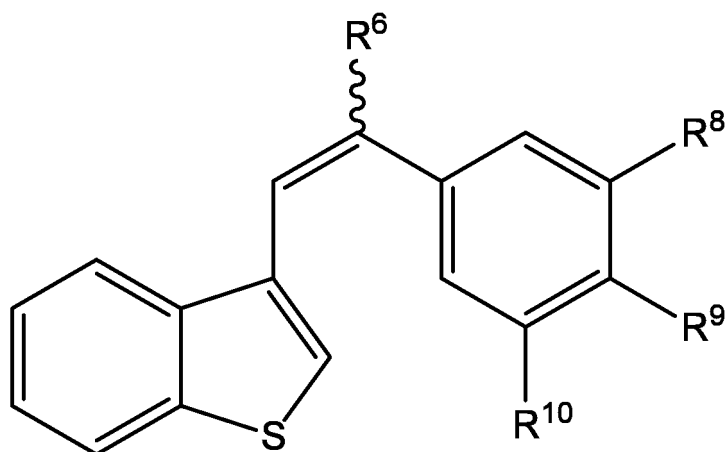
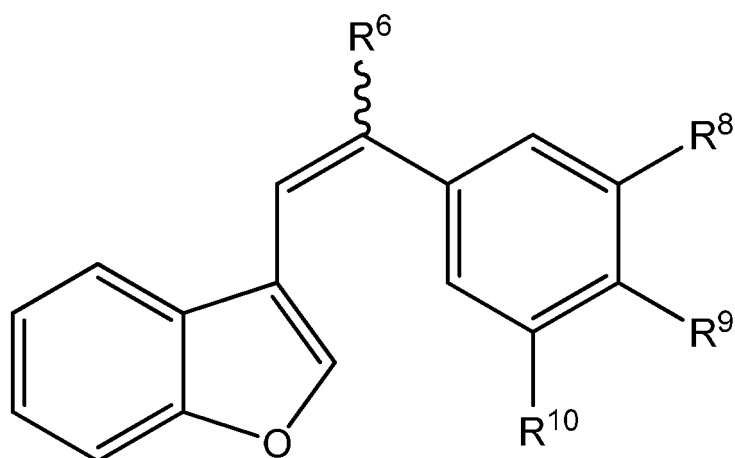
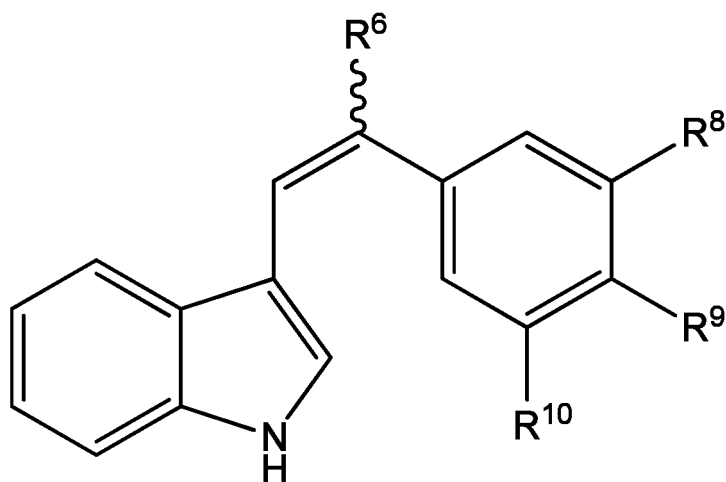


A $R^6 = \text{H, or CN}$ $R^8 = R^{10} = \text{OCH}_3, R^9 = \text{H}$ $R^8 = R^{10} = \text{H, } R^9 = \text{OCH}_3$ $R^8 = R^9 = \text{OCH}_3, R^{10} = \text{H}$ $R^8 = R^9 = R^{10} = \text{OCH}_3$ $R^8 = R^{10} = \text{OCH}_3, R^9 = \text{OH}$ $R^8 = R^{10} = \text{H, } R^9 = \text{OH}$ **B** $R^6 = \text{H, or CN}$ $R^8 = R^9 = \text{OCH}_3, R^{10} = \text{H}$ $R^8 = R^{10} = \text{OCH}_3, R^9 = \text{H}$ $R^8 = R^{10} = \text{H, } R^9 = \text{OCH}_3$ $R^8 = R^9 = R^{10} = \text{OCH}_3$ $R^8 = R^{10} = \text{OCH}_3, R^9 = \text{OH}$ $R^8 = R^{10} = \text{H, } R^9 = \text{OH}$ **FIG. 1**



$R^6 = \text{H, or CN}$

$R^8 = R^9 = \text{OCH}_3, R^{10} = \text{H}$

$R^8 = R^{10} = \text{OCH}_3, R^9 = \text{H}$

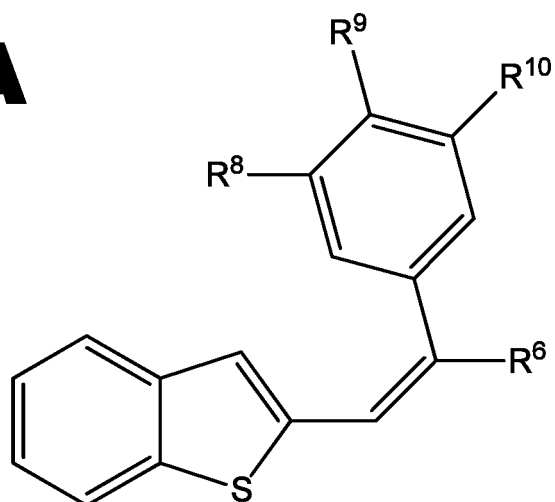
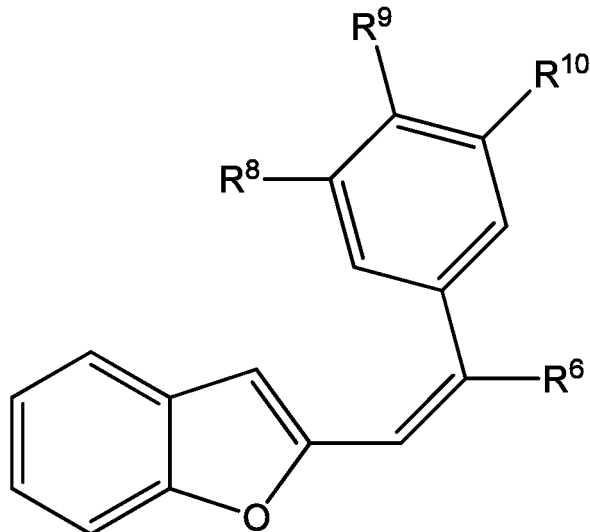
$R^8 = R^{10} = \text{H}, R^9 = \text{OCH}_3$

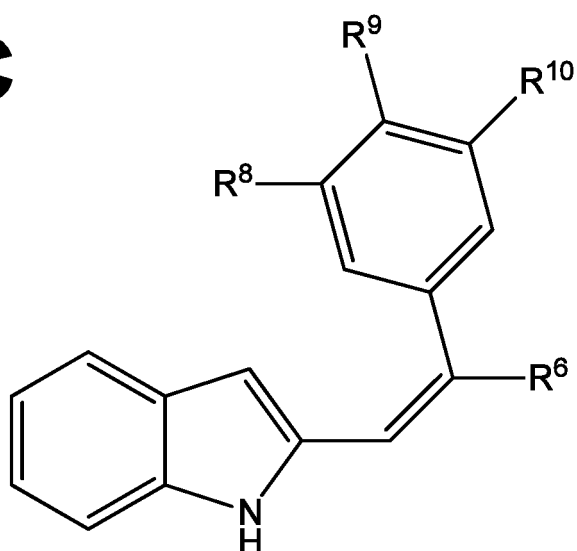
$R^8 = R^9 = R^{10} = \text{OCH}_3$

$R^8 = R^{10} = \text{OCH}_3, R^9 = \text{OH}$

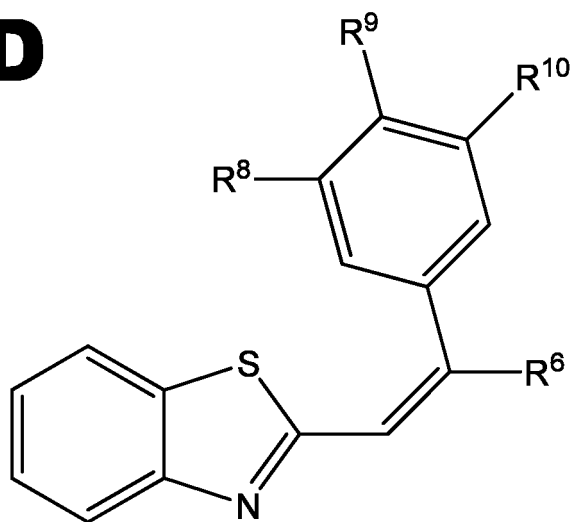
$R^8 = R^{10} = \text{H}, R^9 = \text{OH}$

FIG. 1C

A $R^6 = \text{H, or CN}$ $R^8 = R^{10} = \text{OCH}_3, R^9 = \text{H}$ $R^8 = R^9 = \text{OCH}_3, R^{10} = \text{H}$ $R^8 = R^{10} = \text{H}, R^9 = \text{OCH}_3$ $R^8 = R^9 = R^{10} = \text{OCH}_3$ $R^8 = R^{10} = \text{OCH}_3, R^9 = \text{OH}$ $R^8 = R^{10} = \text{H}, R^9 = \text{OH}$ **B** $R^6 = \text{H, or CN}$ $R^8 = R^9 = \text{OCH}_3, R^{10} = \text{H}$ $R^8 = R^{10} = \text{OCH}_3, R^9 = \text{H}$ $R^8 = R^{10} = \text{H}, R^9 = \text{OCH}_3$ $R^8 = R^9 = R^{10} = \text{OCH}_3$ $R^8 = R^{10} = \text{OCH}_3, R^9 = \text{OH}$ $R^8 = R^{10} = \text{H}, R^9 = \text{OH}$ **FIG. 2**

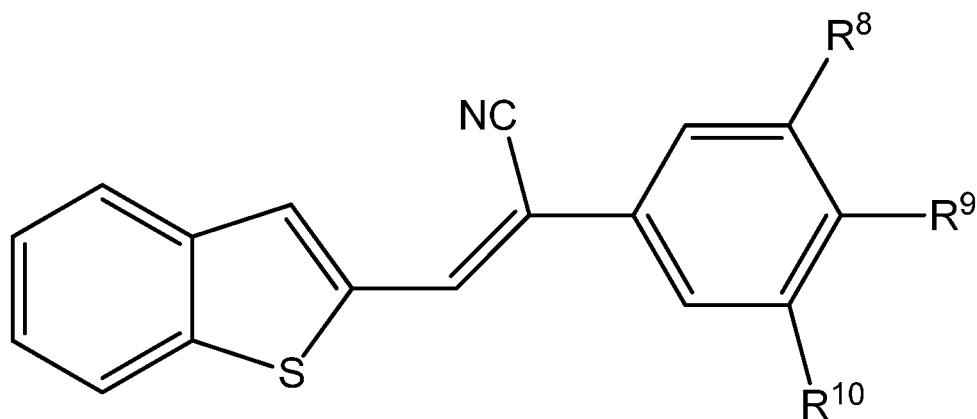
C

R⁶=H, or CN
R⁸=R⁹=OCH₃, R¹⁰=H
R⁸=R¹⁰=OCH₃, R⁹=H
R⁸=R¹⁰=H, R⁹=OCH₃
R⁸=R⁹=R¹⁰=OCH₃
R⁸=R¹⁰=OCH₃, R⁹=OH
R⁸=R¹⁰=H, R⁹=OH

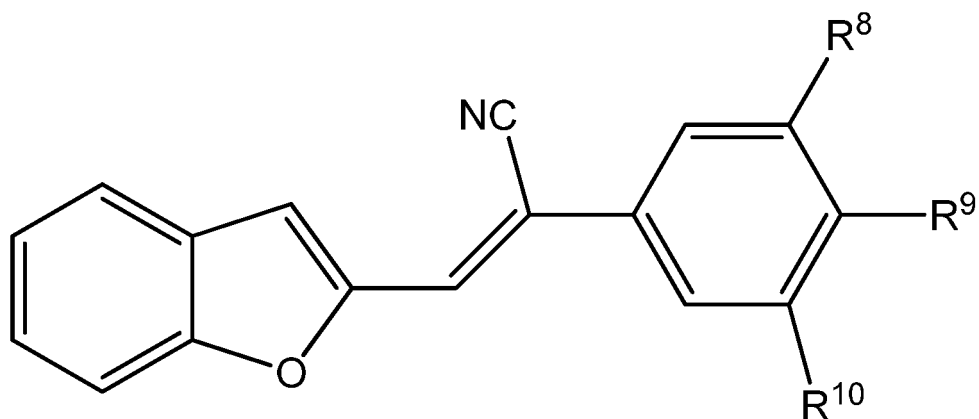
D

R⁶=H, or CN
R⁸=R⁹=OCH₃, R¹⁰=H
R⁸=R¹⁰=OCH₃, R⁹=H
R⁸=R¹⁰=H, R⁹=OCH₃
R⁸=R⁹=R¹⁰=OCH₃
R⁸=R¹⁰=OCH₃, R⁹=OH
R⁸=R¹⁰=H, R⁹=OH

FIG. 2

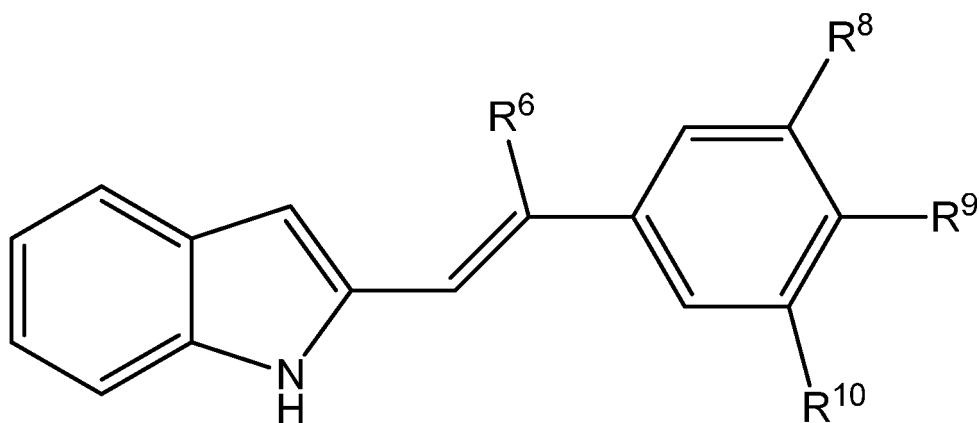
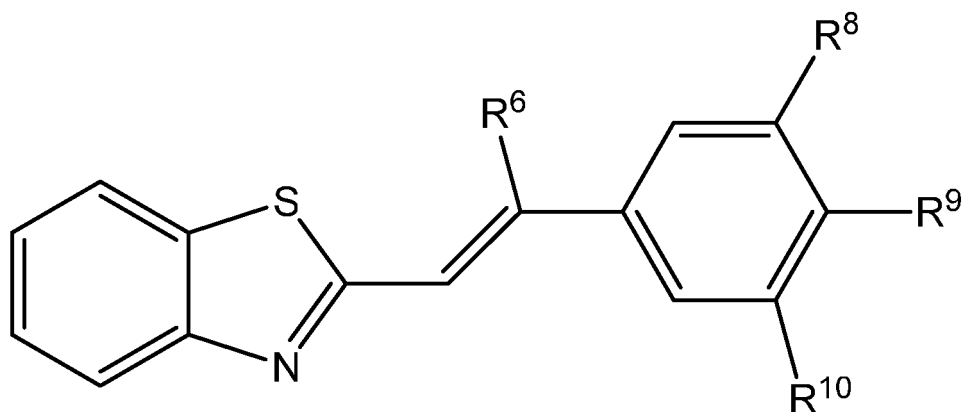
E

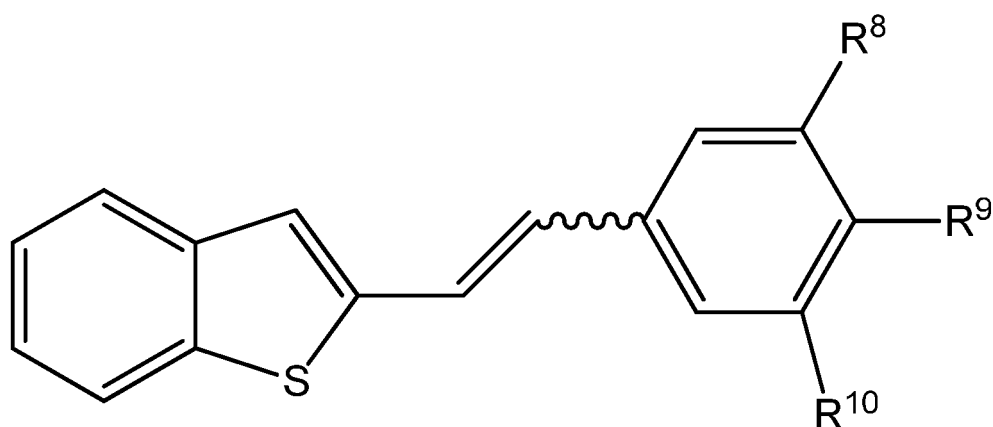
$R^8=R^{10}=OCH_3, R^9=H$
 $R^8=R^{10}=H, R^9=OCH_3$
 $R^8=R^{10}=OCH_3, R^9=OH$
 $R^8=R^{10}=H, R^9=OH$

F

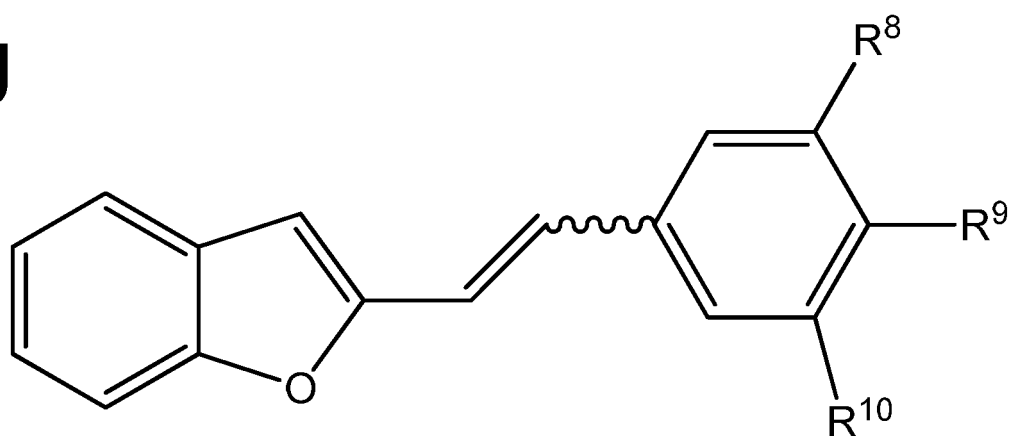
$R^8=R^9=OCH_3, R^{10}=H$
 $R^8=R^{10}=OCH_3, R^9=H$
 $R^8=R^{10}=H, R^9=OCH_3$
 $R^8=R^{10}=OCH_3, R^9=OH$
 $R^8=R^{10}=H, R^9=OH$

FIG. 2

G $R^6 = \text{H or CN}$ $R^8 = R^9 = \text{OCH}_3, R^{10} = \text{H}$ $R^8 = R^{10} = \text{OCH}_3, R^9 = \text{H}$ $R^8 = R^{10} = \text{H}, R^9 = \text{OCH}_3$ $R^8 = R^{10} = \text{OCH}_3, R^9 = \text{OH}$ $R^8 = R^{10} = \text{H}, R^9 = \text{OH}$ **H** $R^6 = \text{H or CN}$ $R^8 = R^9 = \text{OCH}_3, R^{10} = \text{H}$ $R^8 = R^{10} = \text{OCH}_3, R^9 = \text{H}$ $R^8 = R^{10} = \text{H}, R^9 = \text{OCH}_3$ $R^8 = R^9 = R^{10} = \text{OCH}_3$ $R^8 = R^{10} = \text{OCH}_3, R^9 = \text{OH}$ $R^8 = R^{10} = \text{H}, R^9 = \text{OH}$ **FIG. 2**

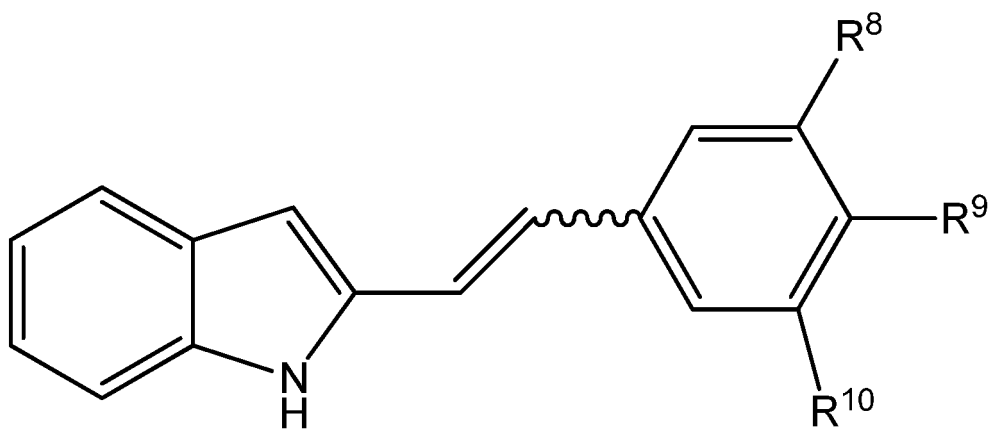
I

$R^8=R^{10}=\text{OCH}_3$, $R^9=\text{H}$
 $R^8=R^{10}=\text{H}$, $R^9=\text{OCH}_3$
 $R^8=R^9=R^{10}=\text{OCH}_3$
 $R^8=R^{10}=\text{OCH}_3$, $R^9=\text{OH}$
 $R^8=R^{10}=\text{H}$, $R^9=\text{OH}$

J

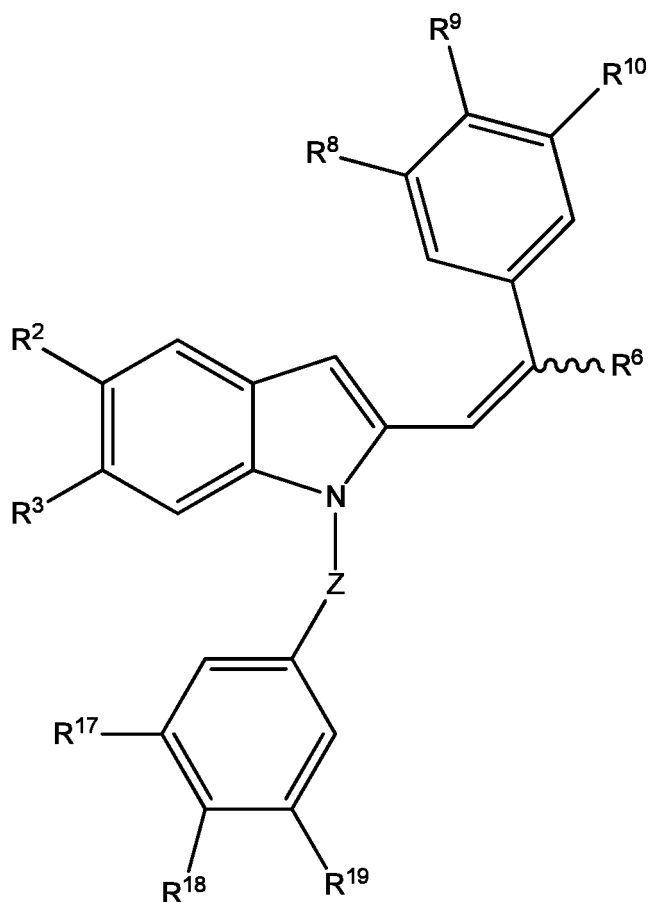
$R^8=R^9=\text{OCH}_3$, $R^{10}=\text{H}$
 $R^8=R^{10}=\text{OCH}_3$, $R^9=\text{H}$
 $R^8=R^{10}=\text{H}$, $R^9=\text{OCH}_3$
 $R^8=R^9=R^{10}=\text{OCH}_3$
 $R^8=R^{10}=\text{OCH}_3$, $R^9=\text{OH}$
 $R^8=R^{10}=\text{H}$, $R^9=\text{OH}$

FIG. 2



$R^8=R^9=\text{OCH}_3$, $R^{10}=\text{H}$
 $R^8=R^{10}=\text{OCH}_3$, $R^9=\text{H}$
 $R^8=R^{10}=\text{H}$, $R^9=\text{OCH}_3$
 $R^8=R^9=R^{10}=\text{OCH}_3$
 $R^8=R^{10}=\text{OCH}_3$, $R^9=\text{OH}$
 $R^8=R^{10}=\text{H}$, $R^9=\text{OH}$

FIG. 2K



Z=CH₂, CO, SO₂

R⁶=H, or CN

R⁸=R⁹=OCH₃, R¹⁰=H

R⁸=R¹⁰=OCH₃, R⁹=H

R⁸=R¹⁰=H, R⁹=OCH₃

R⁸=R⁹=R¹⁰=OCH₃

R⁸=R¹⁰=OCH₃, R⁹=OH

R⁸=R¹⁰=H, R⁹=OH

R²=H, CH₃, CN, CF₃, COOH, COOCH₃, F, Cl, Br, I, NH₂

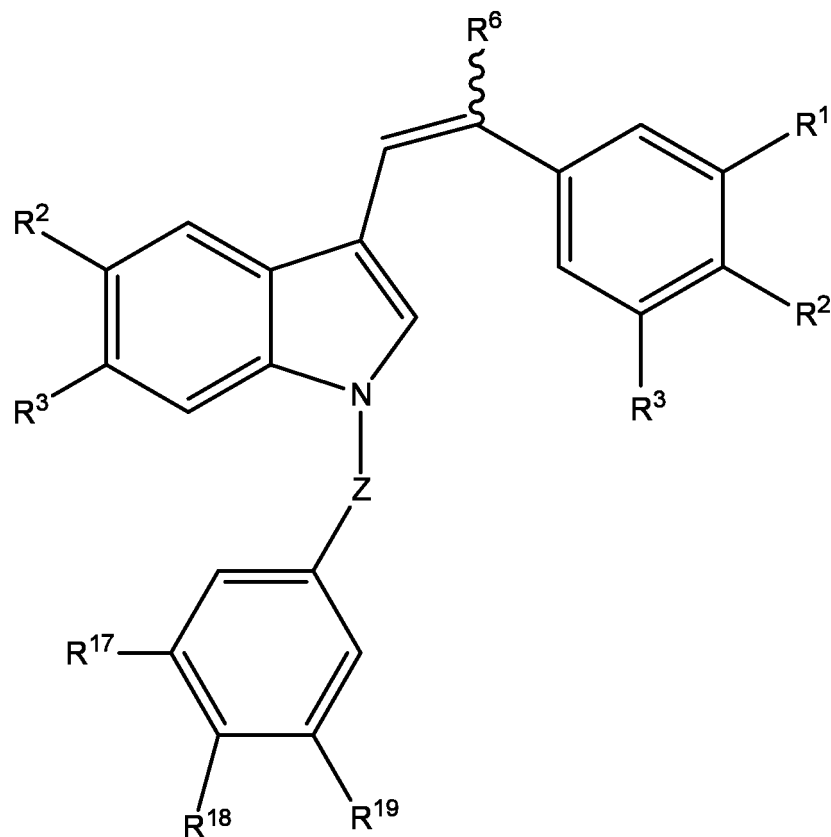
R³=H, CH₃, CN, CF₃, COOH, COOCH₃, F, Cl, Br, I, NH₂

R¹⁷=H, CH₃, CN, CF₃, COOH, COOCH₃, F, Cl, Br, I, NH₂

R¹⁸=H, CH₃, CN, CF₃, COOH, COOCH₃, F, Cl, Br, I, NH₂

R¹⁹=H, CH₃, CN, CF₃, COOH, COOCH₃, F, Cl, Br, I, NH₂

FIG. 3A



Z=CH₂, CO, SO₂

R⁶=H, or CN

R⁸=R⁹=OCH₃, R¹⁰=H

R⁸=R¹⁰=OCH₃, R⁹=H

R⁸=R¹⁰=H, R⁹=OCH₃

R⁸=R⁹=R¹⁰=OCH₃

R⁸=R¹⁰=OCH₃, R⁹=OH

R⁸=R¹⁰=H, R⁹=OH

R²=H, CH₃, CN, CF₃, COOH, COOCH₃, F, Cl, Br, I, NH₂

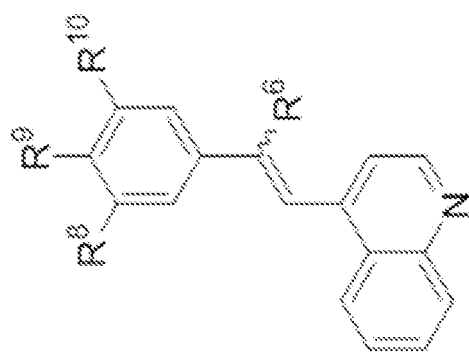
R³=H, CH₃, CN, CF₃, COOH, COOCH₃, F, Cl, Br, I, NH₂

R¹⁷=H, CH₃, CN, CF₃, COOH, COOCH₃, F, Cl, Br, I, NH₂

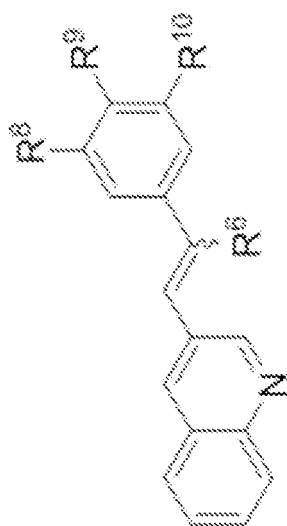
R¹⁸=H, CH₃, CN, CF₃, COOH, COOCH₃, F, Cl, Br, I, NH₂

R¹⁹=H, CH₃, CN, CF₃, COOH, COOCH₃, F, Cl, Br, I, NH₂

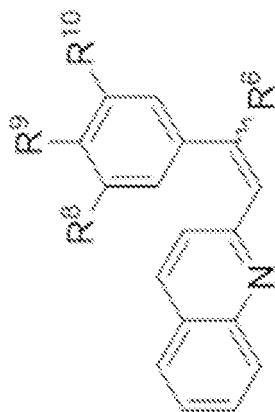
FIG. 3B



$R^6 = \text{H or CN}$
 $R^8 = R^9 = R^{10} = \text{OCH}_3$
 $R^8 = R^{10} = \text{OCH}_3, R^9 = \text{OH}$
 $R^8 = R^{10} = \text{H}, R^9 = \text{OH}$
 $R^8 = R^{10} = \text{Cl}, R^9 = \text{H}$
 $R^8 = R^9 = \text{Cl}, R^{10} = \text{H}$
 $R^8 = R^{10} = \text{H}, R^9 = \text{Cl}$
 $R^8 = R^{10} = \text{H}, R^9 = \text{CF}_3$
 $R^8 = \text{CF}_3, R^9 = R^{10} = \text{H}$

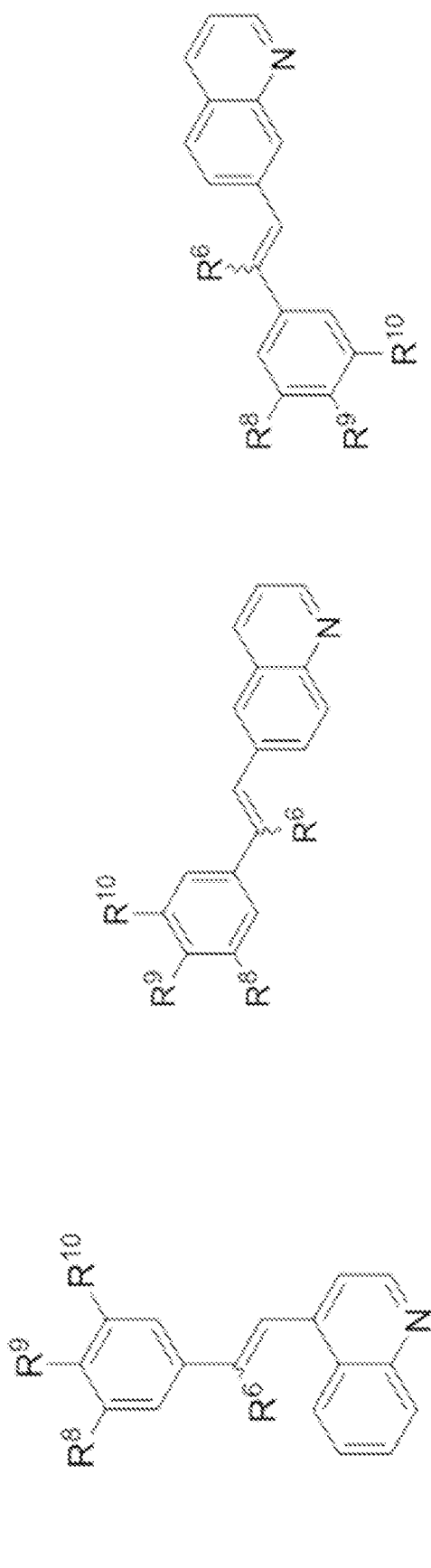


$R^6 = \text{H or CN}$
 $R^8 = R^{10} = \text{OCH}_3, R^9 = \text{H}$
 $R^8 = R^{10} = \text{H}, R^9 = \text{OCH}_3$
 $R^8 = R^9 = R^{10} = \text{OCH}_3$
 $R^8 = R^{10} = \text{OCH}_3, R^9 = \text{OH}$
 $R^8 = R^{10} = \text{H}, R^9 = \text{OH}$
 $R^8 = R^{10} = \text{Cl}, R^9 = \text{H}$
 $R^8 = R^9 = \text{Cl}, R^{10} = \text{H}$
 $R^8 = R^{10} = \text{H}, R^9 = \text{Cl}$
 $R^8 = R^{10} = \text{H}, R^9 = \text{CF}_3$
 $R^8 = \text{CF}_3, R^9 = R^{10} = \text{H}$



$R^6 = \text{H or CN}$
 $R^8 = R^{10} = \text{OCH}_3, R^9 = \text{H}$
 $R^8 = R^9 = R^{10} = \text{OCH}_3$
 $R^8 = R^{10} = \text{OCH}_3, R^9 = \text{OH}$
 $R^8 = R^{10} = \text{H}, R^9 = \text{OH}$
 $R^8 = R^{10} = \text{Cl}, R^9 = \text{H}$
 $R^8 = R^9 = \text{Cl}, R^{10} = \text{H}$
 $R^8 = R^{10} = \text{H}, R^9 = \text{Cl}$
 $R^8 = R^{10} = \text{H}, R^9 = \text{CF}_3$
 $R^8 = \text{CF}_3, R^9 = R^{10} = \text{H}$

FIG. 4A

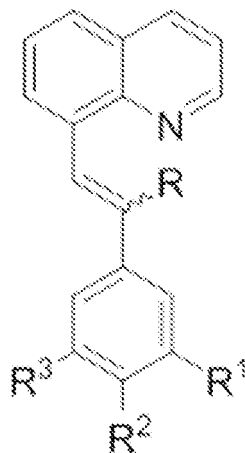


$R^6 = \text{H or CN}$
 $R^8 = R^{10} = \text{OCH}_3, R^9 = \text{H}$
 $R^8 = R^{10} = \text{H}, R^9 = \text{OCH}_3$
 $R^8 = R^9 = R^{10} = \text{OCH}_3$
 $R^8 = R^{10} = \text{OCH}_3, R^9 = \text{OH}$
 $R^8 = R^{10} = \text{H}, R^9 = \text{OH}$
 $R^8 = R^{10} = \text{Cl}, R^9 = \text{H}$
 $R^8 = R^9 = \text{Cl}, R^{10} = \text{H}$
 $R^8 = R^{10} = \text{H}, R^9 = \text{Cl}$
 $R^8 = R^{10} = \text{H}, R^9 = \text{CF}_3$
 $R^8 = \text{CF}_3, R^9 = R^{10} = \text{H}$

$R^6 = \text{H or CN}$
 $R^8 = R^{10} = \text{OCH}_3, R^9 = \text{H}$
 $R^8 = R^{10} = \text{H}, R^9 = \text{OCH}_3$
 $R^8 = R^9 = R^{10} = \text{OCH}_3$
 $R^8 = R^{10} = \text{OCH}_3, R^9 = \text{OH}$
 $R^8 = R^{10} = \text{H}, R^9 = \text{OH}$
 $R^8 = R^{10} = \text{Cl}, R^9 = \text{H}$
 $R^8 = R^9 = \text{Cl}, R^{10} = \text{H}$
 $R^8 = R^{10} = \text{H}, R^9 = \text{Cl}$
 $R^8 = R^{10} = \text{H}, R^9 = \text{CF}_3$
 $R^8 = \text{CF}_3, R^9 = R^{10} = \text{H}$

$R^6 = \text{H or CN}$
 $R^8 = R^{10} = \text{OCH}_3, R^9 = \text{H}$
 $R^8 = R^{10} = \text{H}, R^9 = \text{OCH}_3$
 $R^8 = R^9 = R^{10} = \text{OCH}_3$
 $R^8 = R^{10} = \text{OCH}_3, R^9 = \text{OH}$
 $R^8 = R^{10} = \text{H}, R^9 = \text{OH}$
 $R^8 = R^{10} = \text{Cl}, R^9 = \text{H}$
 $R^8 = R^9 = \text{Cl}, R^{10} = \text{H}$
 $R^8 = R^{10} = \text{H}, R^9 = \text{Cl}$
 $R^8 = R^{10} = \text{H}, R^9 = \text{CF}_3$
 $R^8 = \text{CF}_3, R^9 = R^{10} = \text{H}$

FIG. 4B



R⁶=H or CN

R⁸=R¹⁰=OCH₃, R⁹=H

R⁸=R¹⁰=H, R⁹=OCH₃

R⁸=R⁹=R¹⁰=OCH₃

R⁸=R¹⁰=OCH₃, R⁹=OH

R⁸=R¹⁰=H, R⁹=OH

R⁸=R¹⁰=Cl, R⁹=H

R⁸=R⁹=Cl, R¹⁰=H

R⁸=R¹⁰=H, R⁹=Cl

R⁸=R¹⁰=H, R⁹=CF₃

R⁸=CF₃, R⁹=R¹⁰=H

FIG. 4C