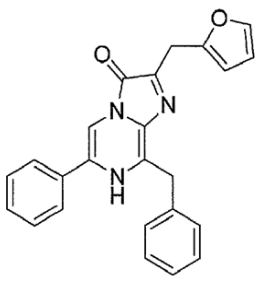
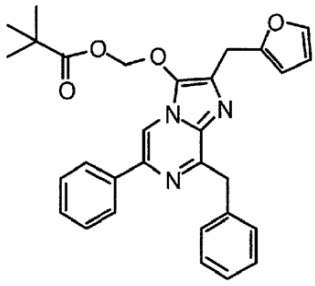
What is claimed:

1. A kit comprising a compound of formula



or



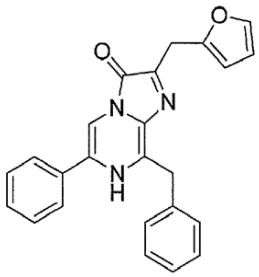
2. The kit of claim 1 further comprising a luciferase.

3. The kit of claim 2, wherein the luciferase is an *Oplophorus* or *Renilla* luciferase.

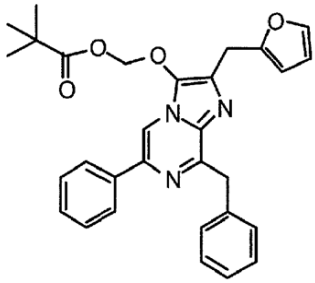
4. A kit of any one of claims 1-3, further comprising a buffer reagent.

5. A method for detecting luminescence in a sample comprising

contacting a sample with a compound of formula



or



;

contacting the sample with a coelenterazine-utilizing luciferase, if it is not present in the sample; and

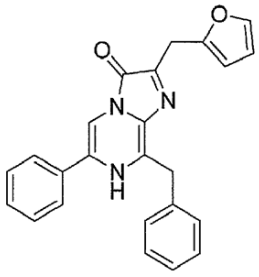
detecting luminescence.

6. The method of claim 5, wherein the sample contains live cells.

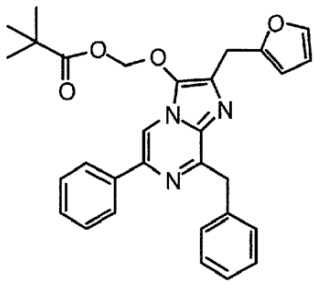
7. The method of claim 5, wherein the sample contains a coelenterazine-utilizing luciferase.

8. A method for detecting luminescence in a transgenic animal comprising

administering a compound of formula



or



to a transgenic animal; and

detecting luminescence;

wherein the transgenic animal expresses a coelenterazine-utilizing luciferase.