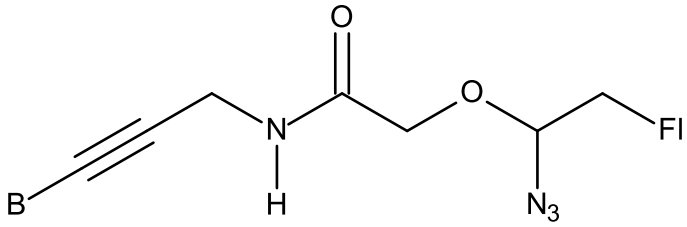
WHAT IS CLAIMED IS:

1. A compound of the formula (I):



(I)

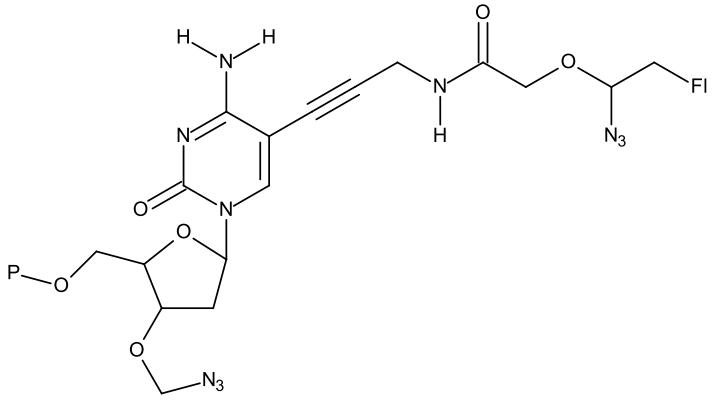
wherein B is a nucleoside base; and

Fl is a fluorophore attached through an optional linker.

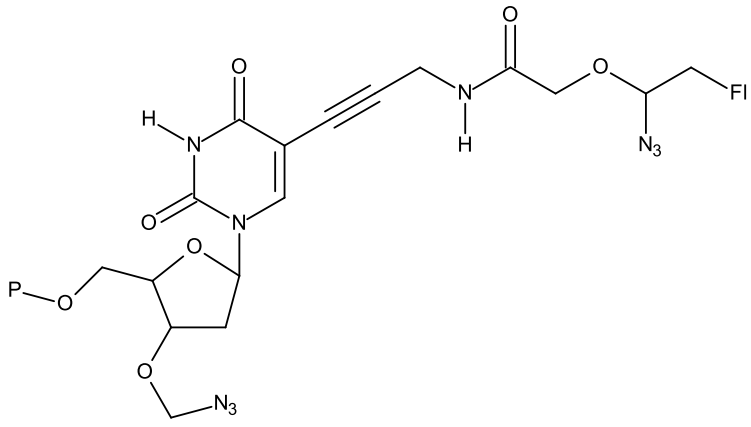
2. The compound according to claim 1, wherein B is a nucleotide base.

3. The compound according to claim 2, wherein B is a pyrimidine base.

4. The compound according to claim 3, wherein the compound is of formula (c) or formula (t):



(c)



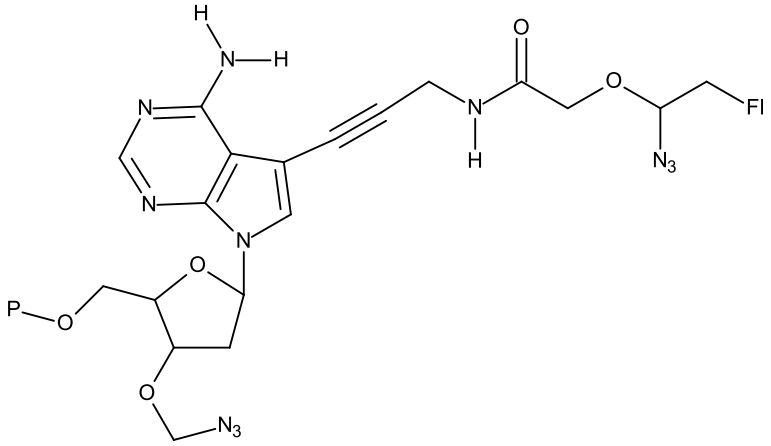
(t)

wherein p is a triphosphate group; and

Fl is a fluorophore attached through an optional linker.

5. The compound according to claim 2, wherein B is a 7-deazapurine base.

6. The compound according to claim 5, wherein the compound is of formula (a):



(a)

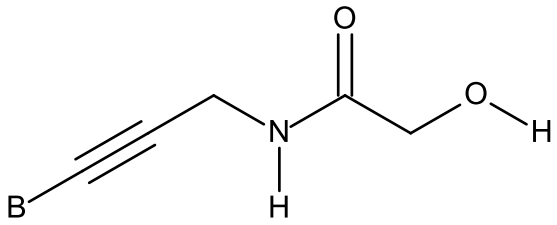
wherein p is a triphosphate group; and

Fl is a fluorophore attached through an optional linker.

7. The compound according to claim 2, wherein the compound is attached to an oligonucleotide.

8. An oligonucleotide labelled with a compound according to claim 2.

9. A compound of the formula (II):

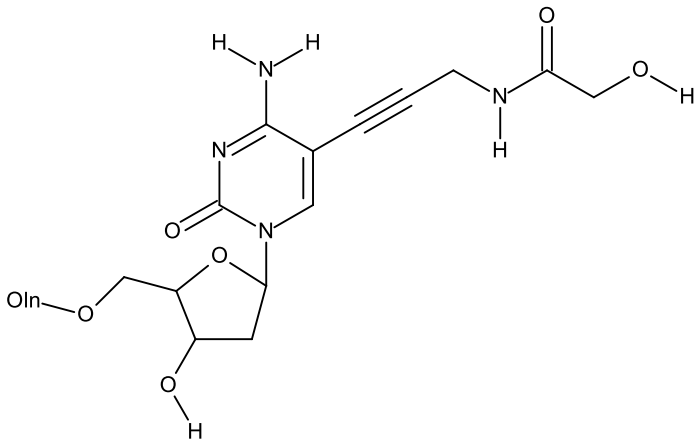


(II)

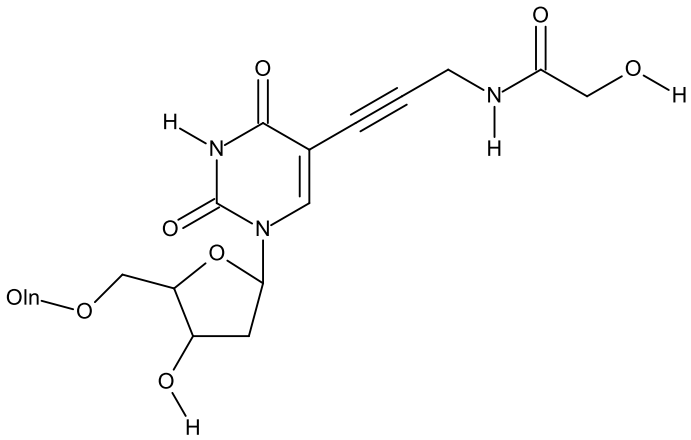
wherein B is a nucleotide base.

10. The compound according to claim 9, wherein B is a pyrimidine base.

11. The compound according to claim 10, wherein the compound is of formula (ci) or formula (ti):



(ci)

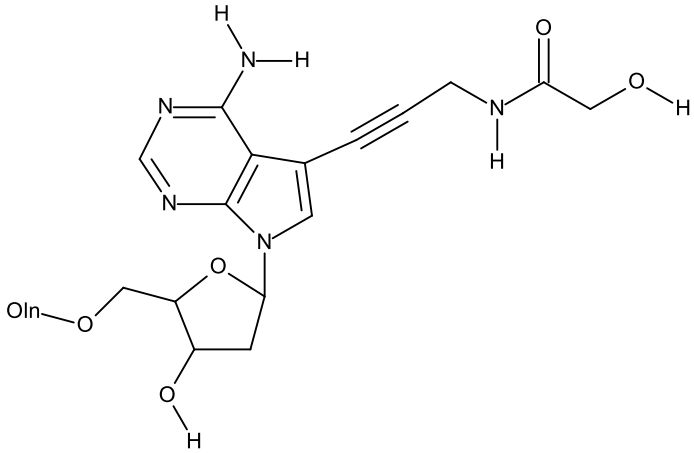


(ti)

wherein Oln is an oligonucleotide.

12. The compound according to claim 9, wherein B is a 7-deazapurine base.

13. The compound according to claim 12, wherein the compound is of formula (ai):



(ai)

wherein Oln is an oligonucleotide.

14. An oligonucleotide comprising a compound according to claim 9.

15. An oligonucleotide comprising two or more copies of a compound according to claim 9.

16. An oligonucleotide comprising ten or more copies of a compound according to claim 9 .

17. An oligonucleotide comprising one hundred or more copies of a compound according to claim 9.

18. A kit comprising two or more nucleotides wherein at least one nucleotide is a labelled compound according to claim 2.

19. The kit according to claim 18, comprising two or more nucleotides wherein at least two nucleotides are labelled compounds according to claim 2.

20. The kit according to claim 18, comprising four nucleotides wherein at least two nucleotides are labelled compounds according to claim 2.

21. The compound according to claim 2, for use in sequencing, expression analysis, hybridization analysis, genetic analysis, RNA analysis, or protein binding assays, or combinations thereof.

22. The oligonucleotide according to claim 8, for use in sequencing, expression analysis, hybridization analysis, genetic analysis, RNA analysis, or protein binding assays, or combinations thereof.

23. The oligonucleotide according to claim 14, for use in sequencing, expression analysis, hybridization analysis, genetic analysis, RNA analysis, or protein binding assays, or combinations thereof.