

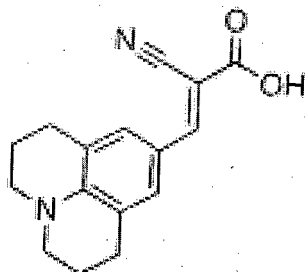
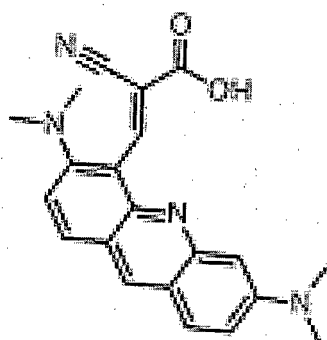
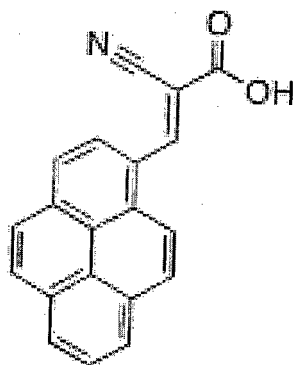
FIG. 1a**FIG. 1b****FIG. 1c**

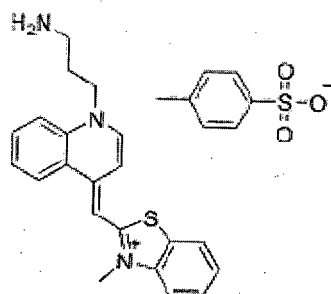
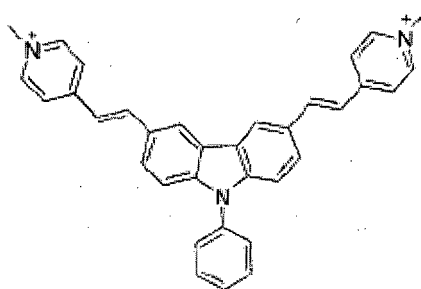
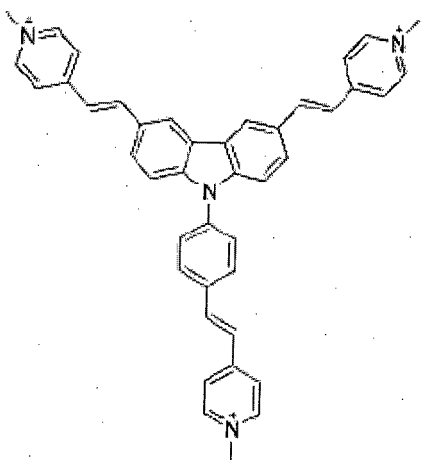
FIG. 1d**FIG. 1e****FIG. 1f**

FIG. 2

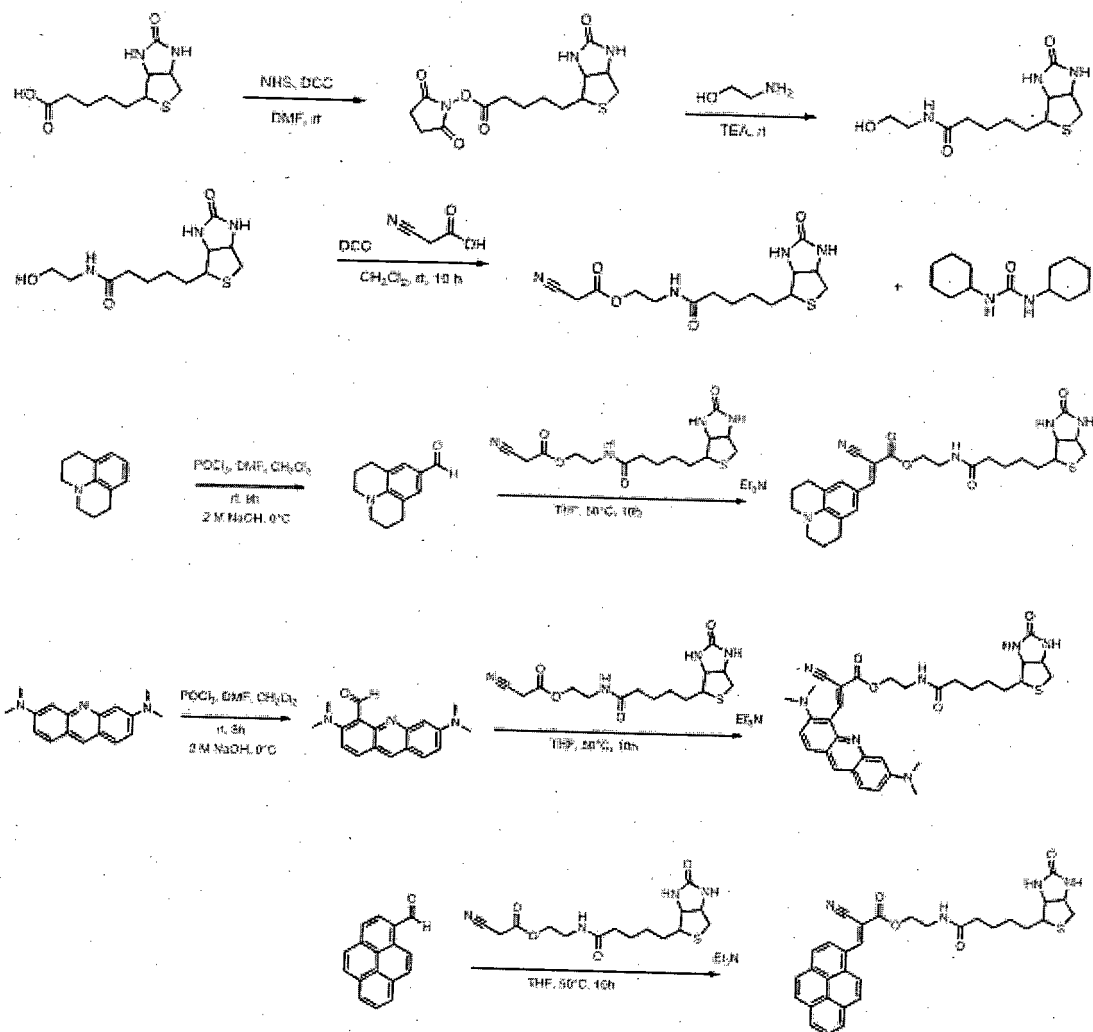


FIG. 3a

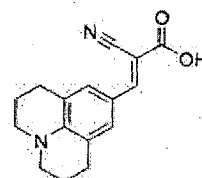
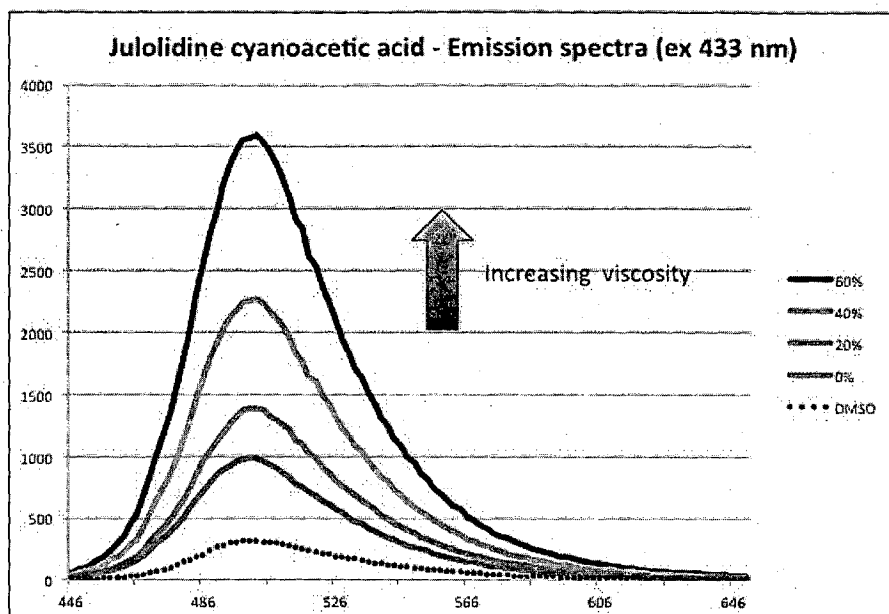


FIG. 3b

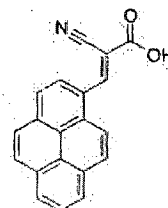
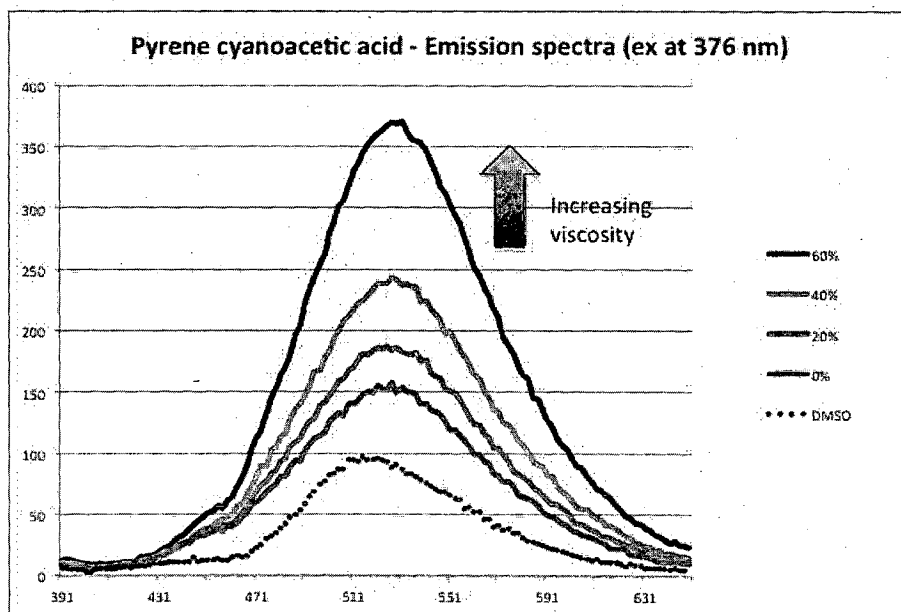


FIG. 3c

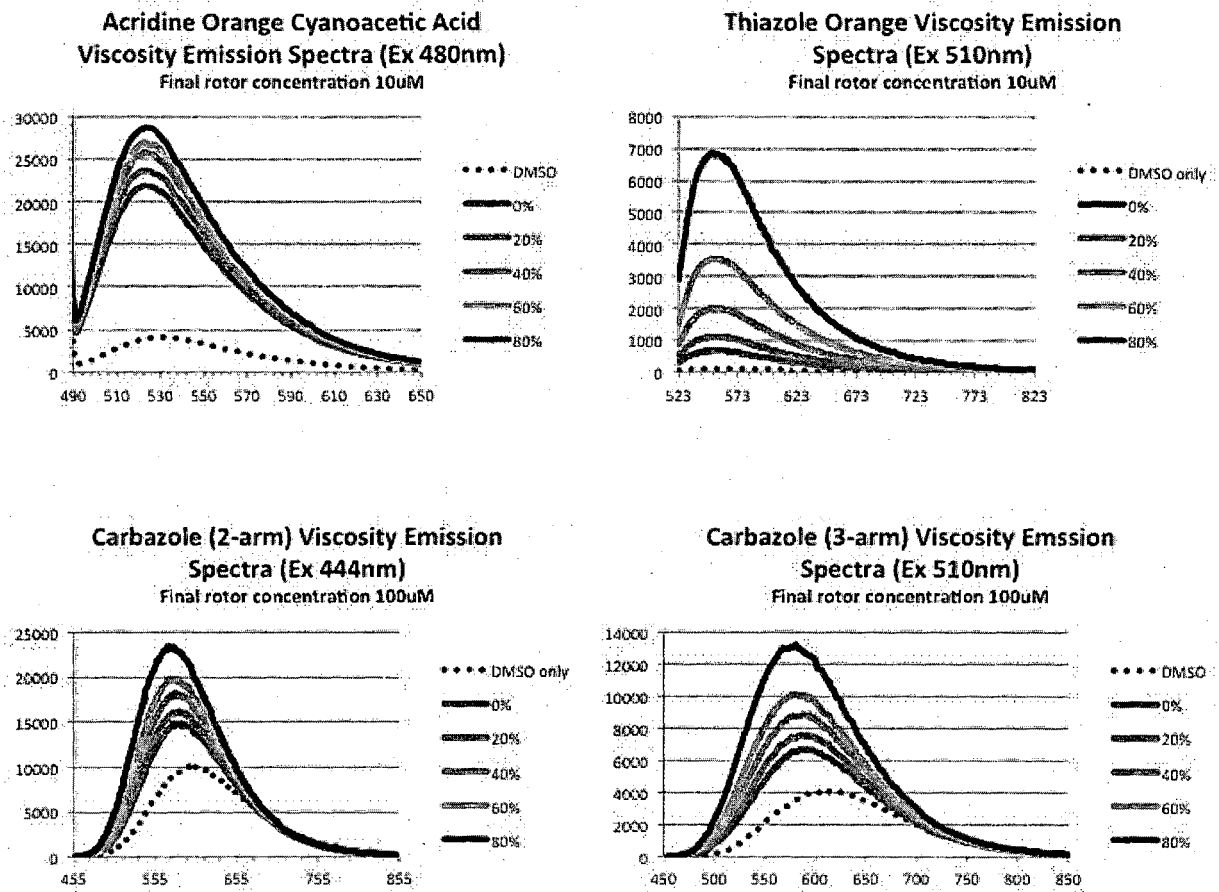


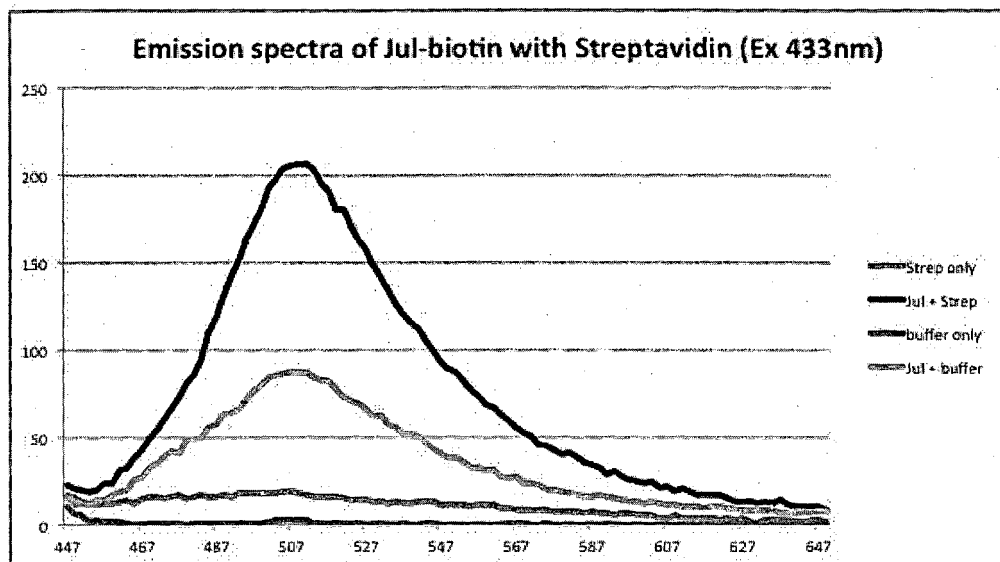
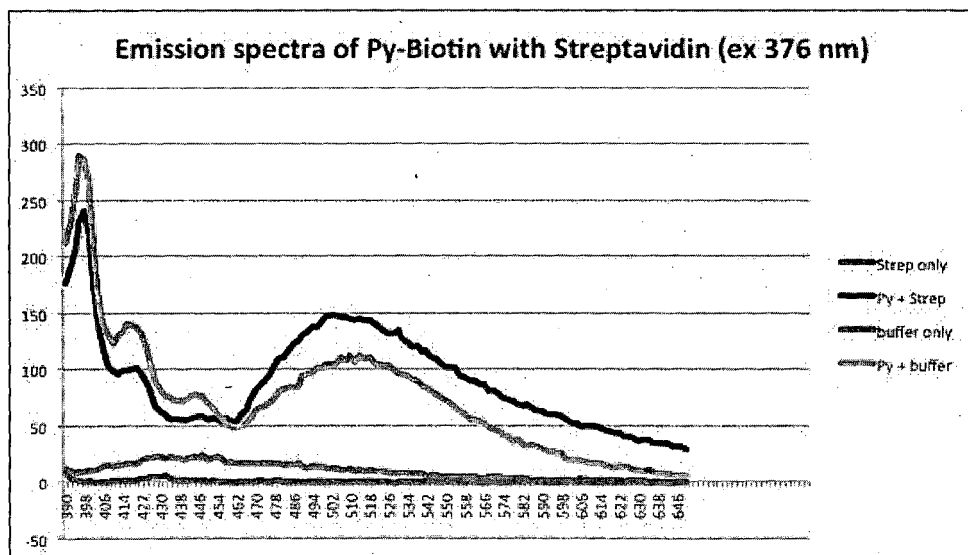
FIG. 4a**FIG. 4b**

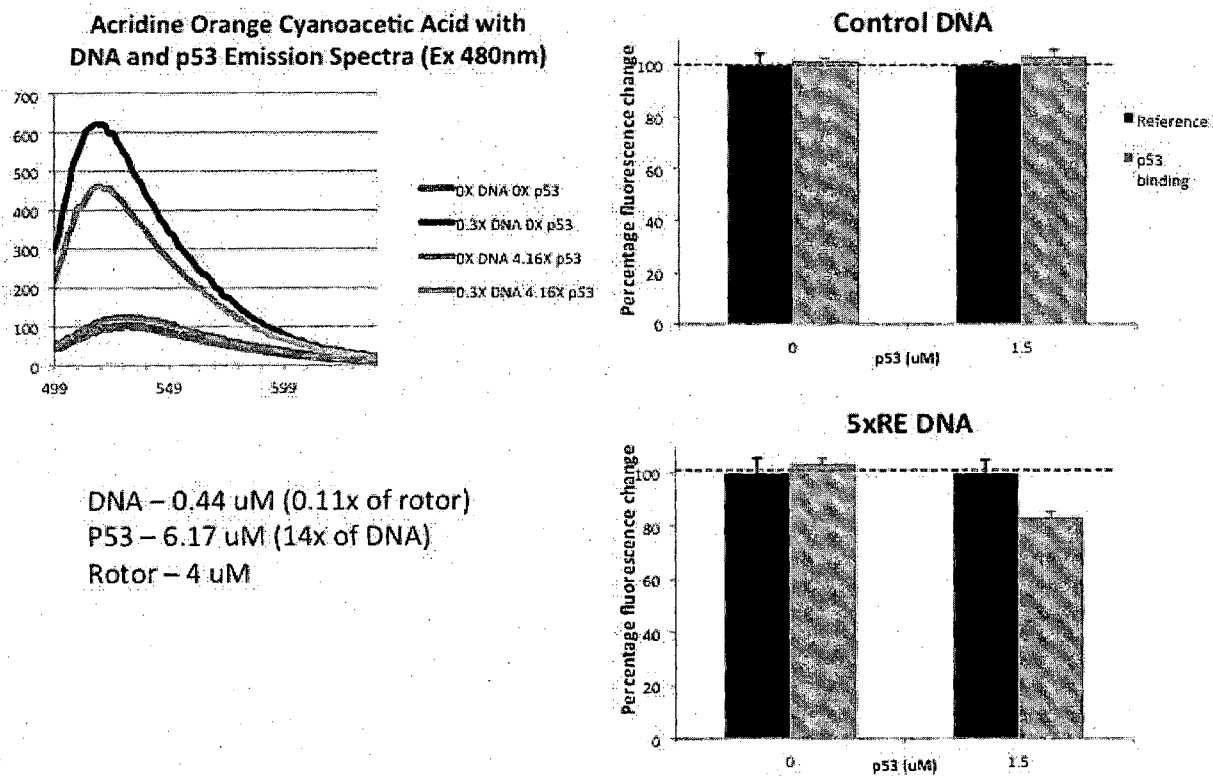
FIG. 5

FIG. 6

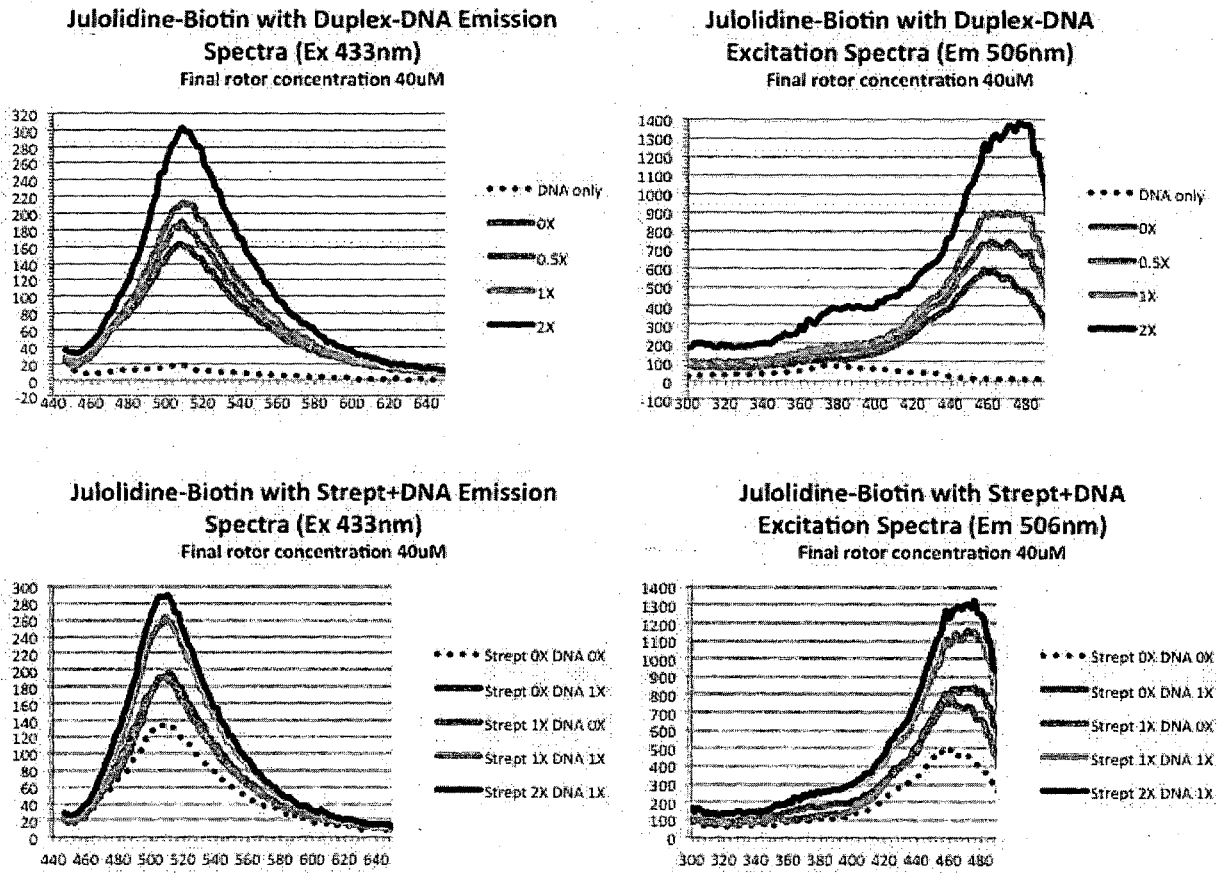


FIG. 7

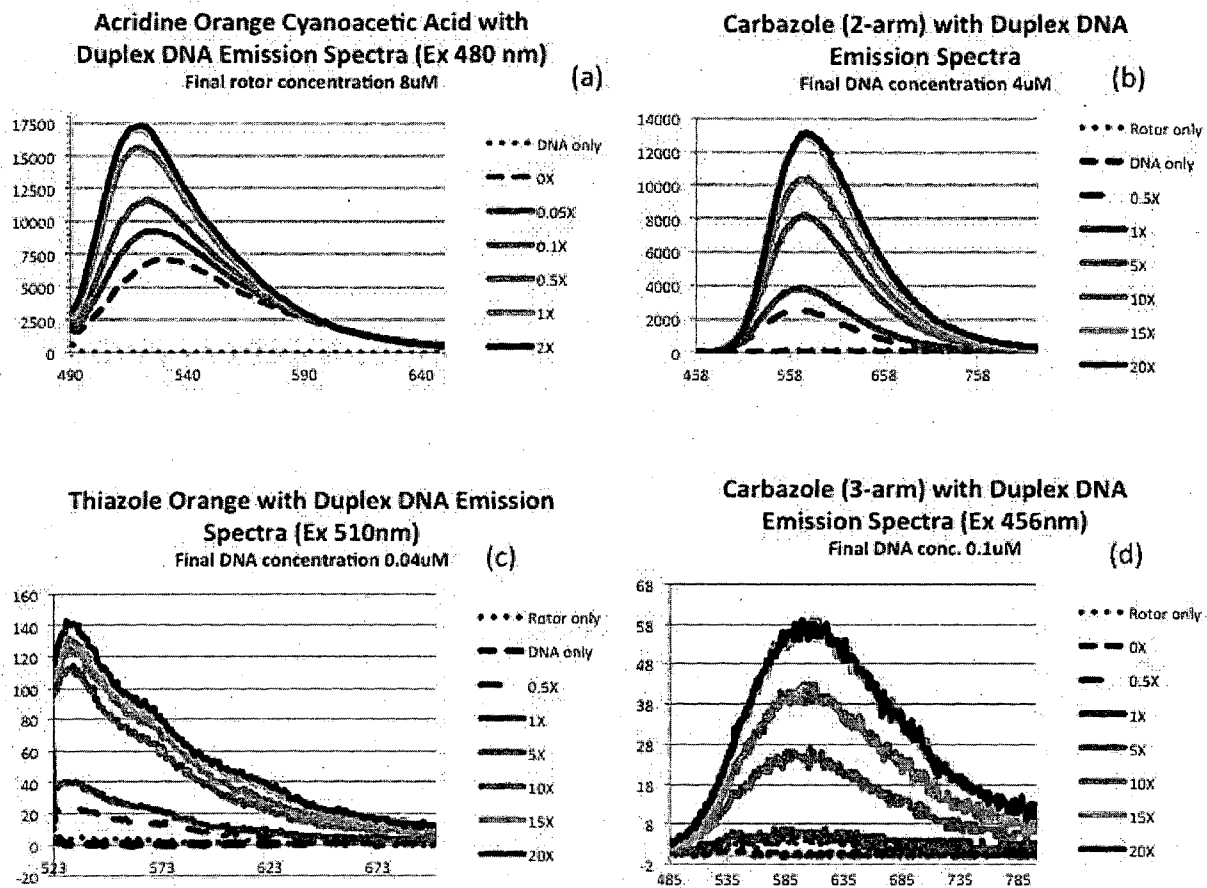


FIG. 8

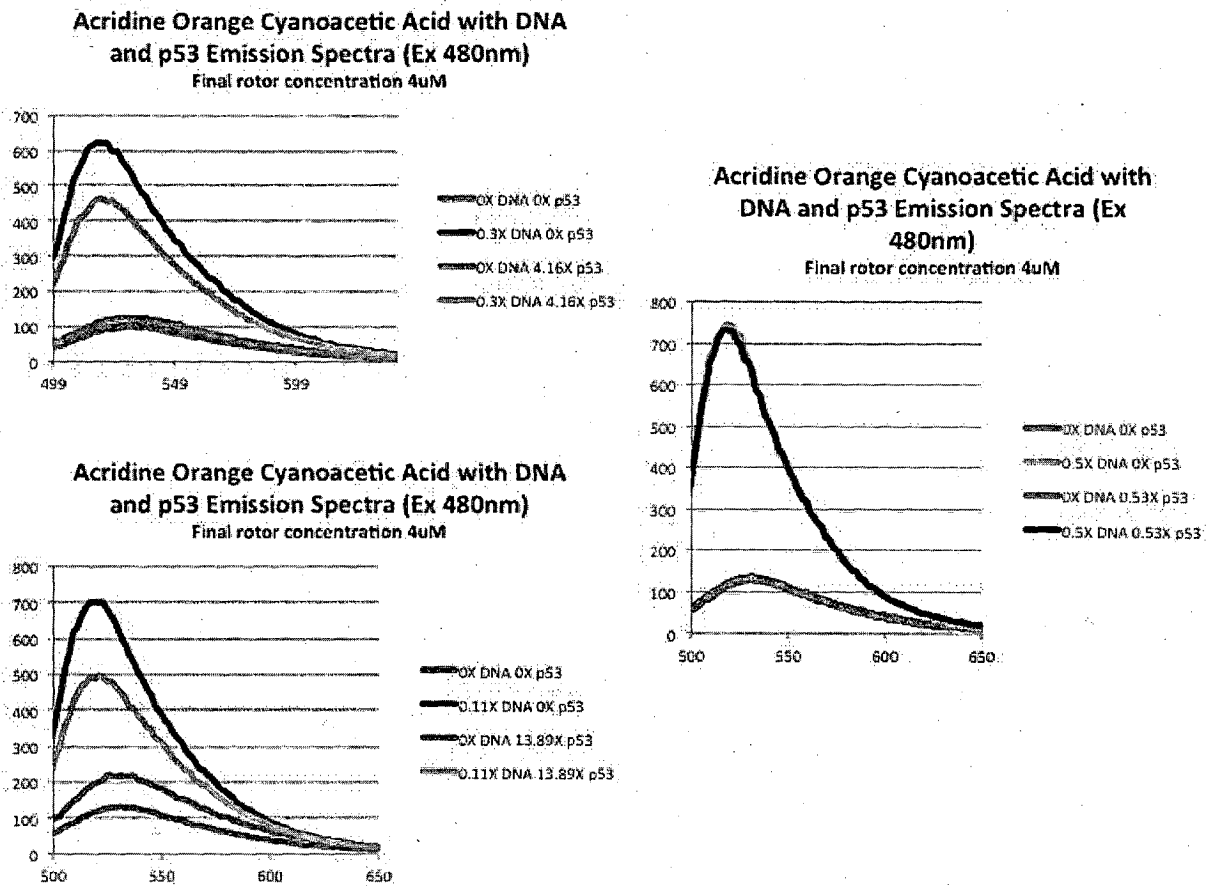


FIG. 9

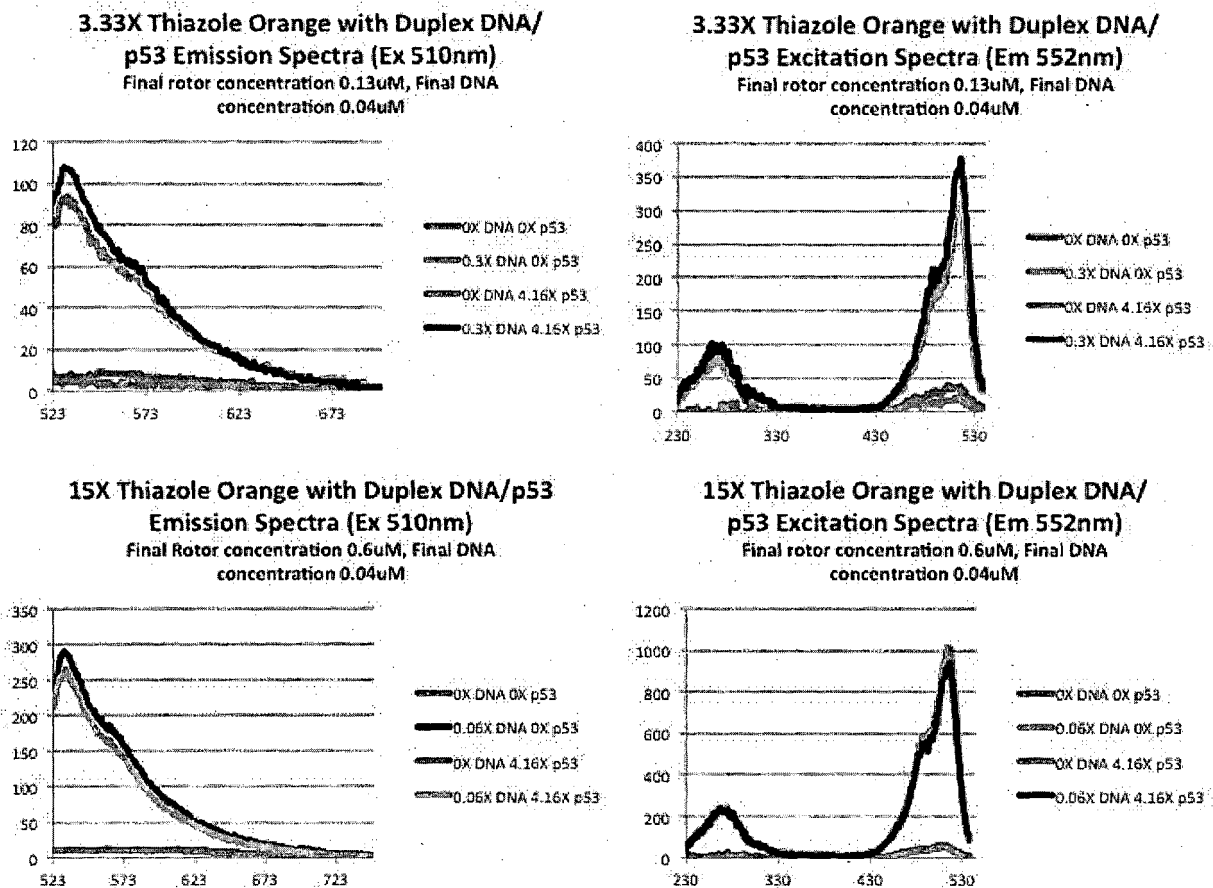


FIG. 10

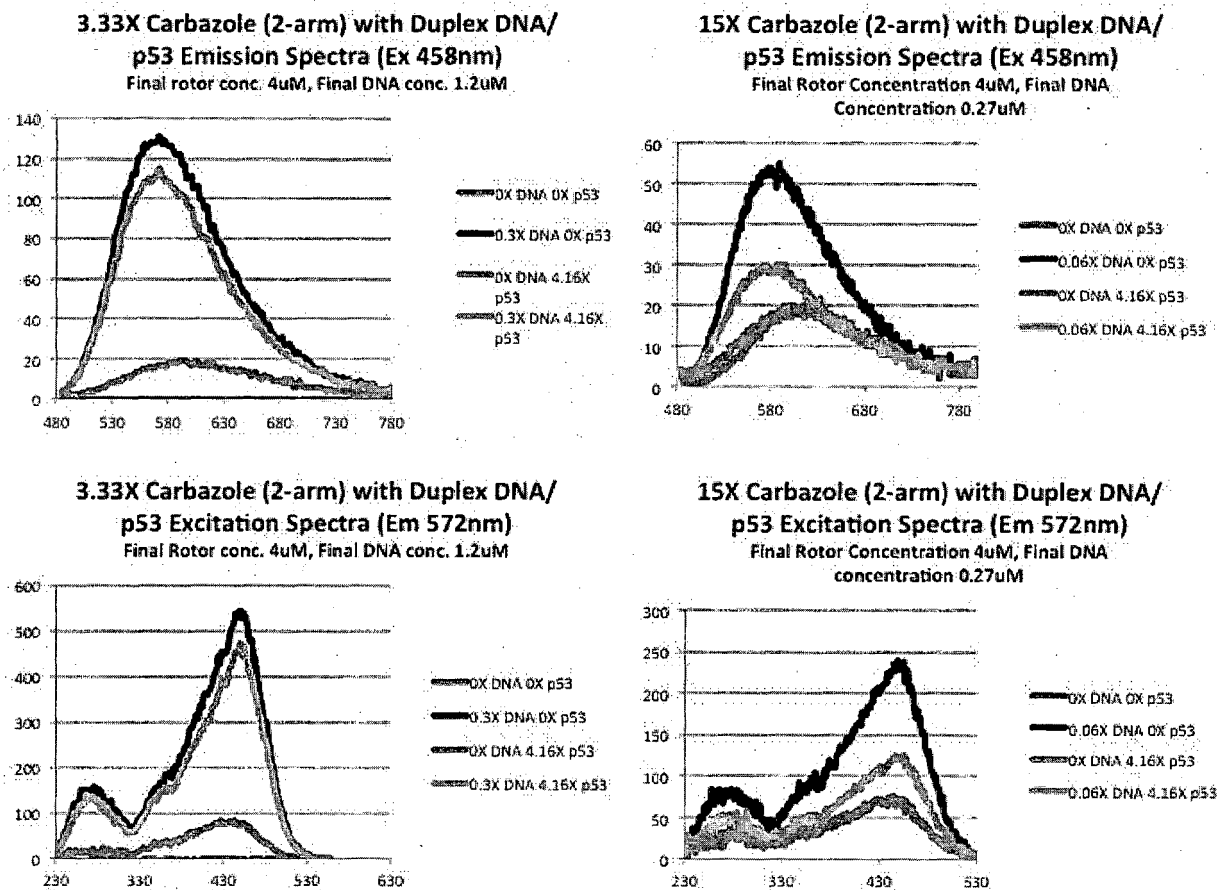


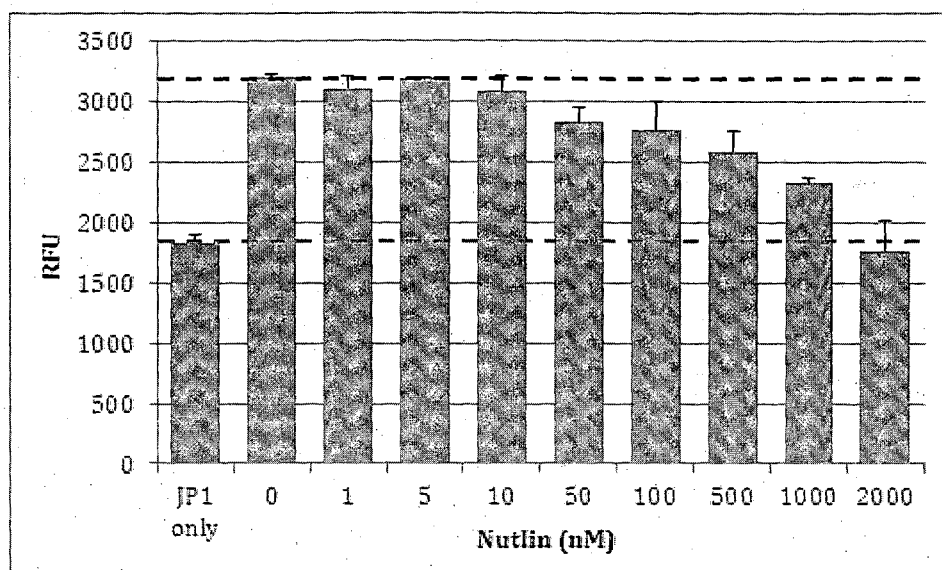
FIG. 11

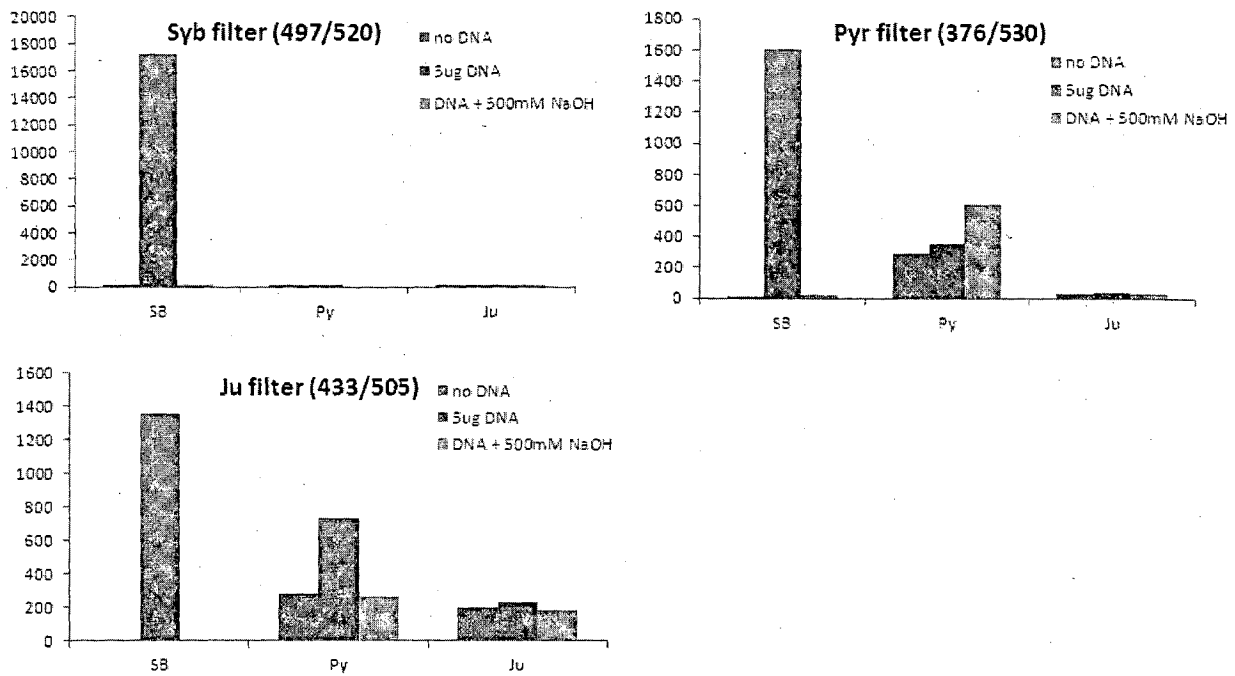
FIG. 12

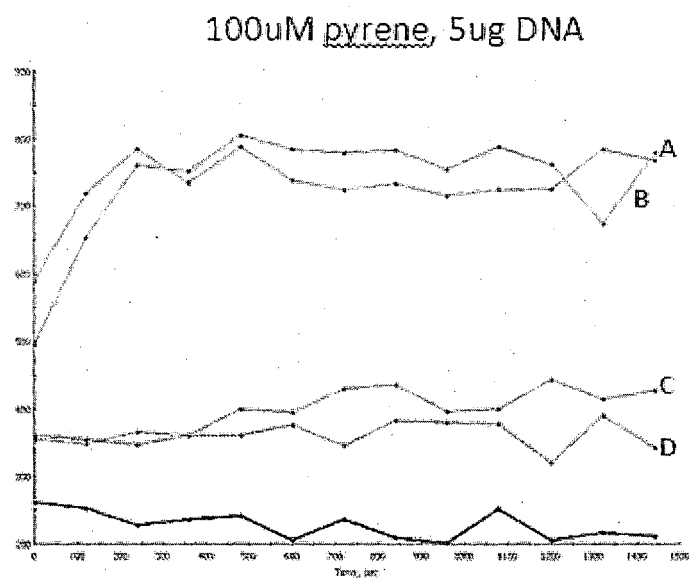
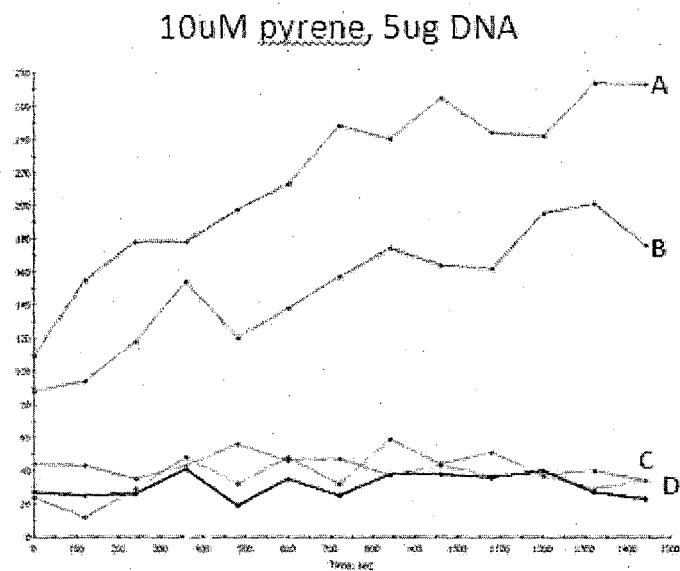
FIG. 13

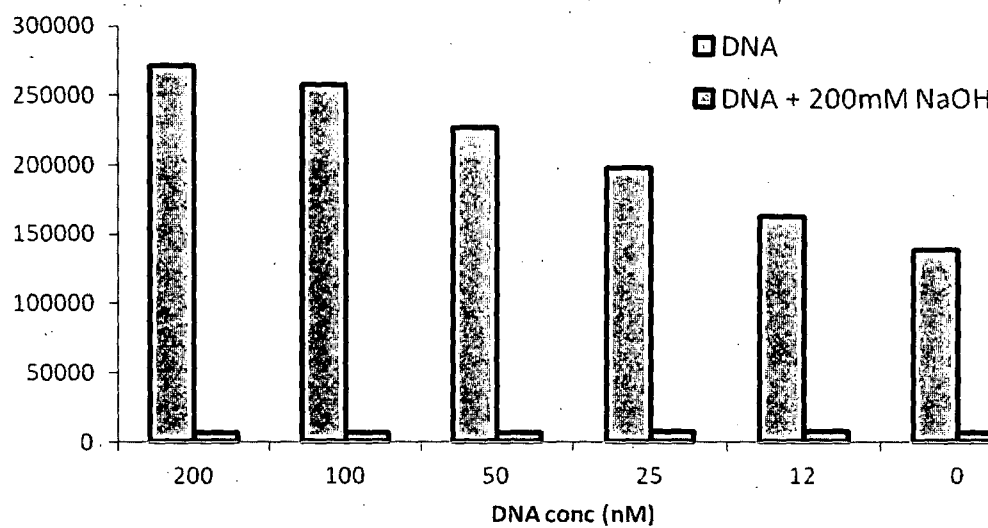
FIG. 14

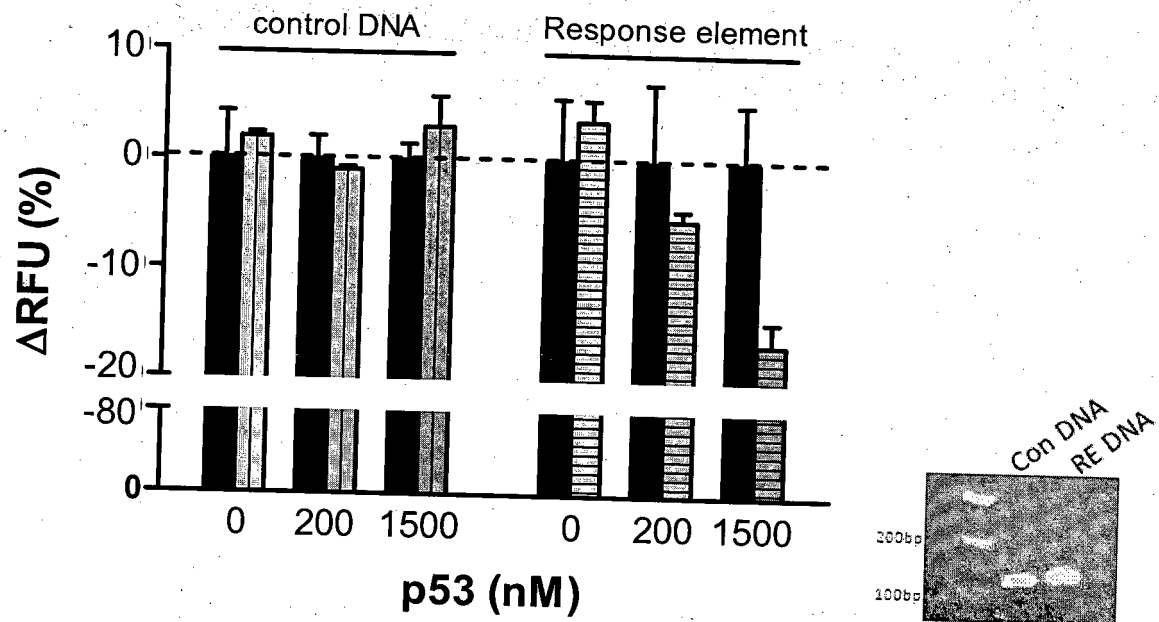
FIG. 15

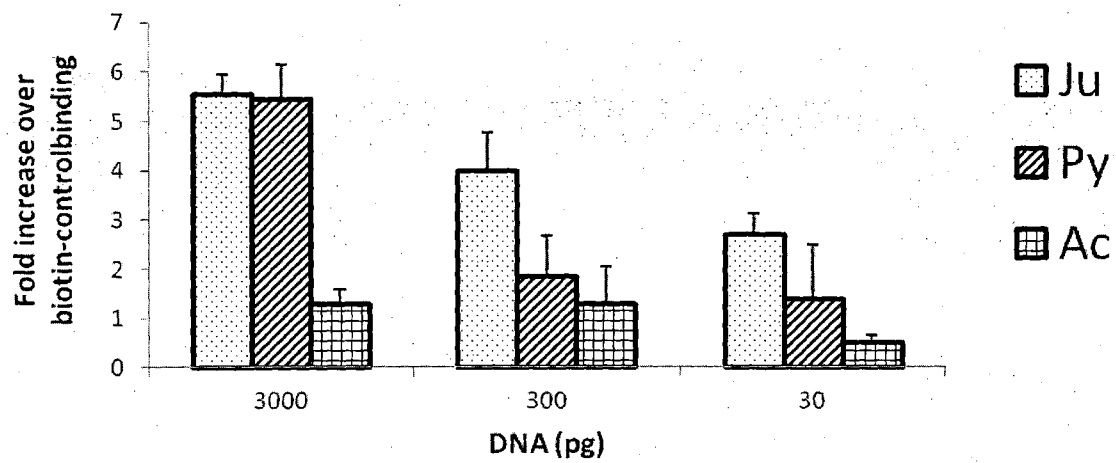
FIG. 16

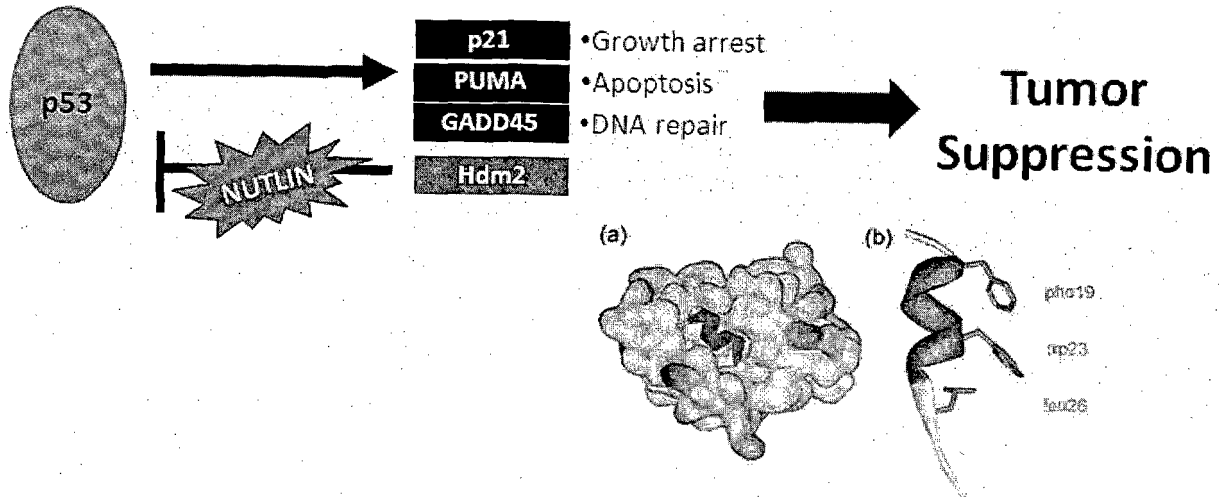
FIG. 17

FIG. 18

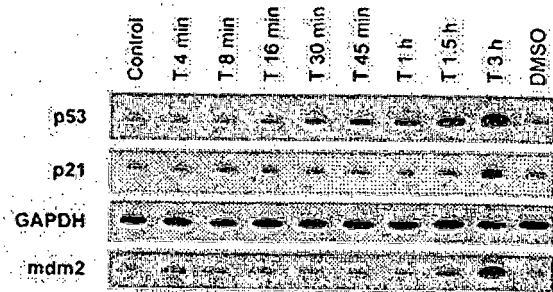
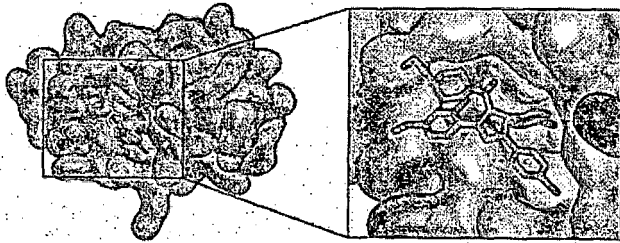
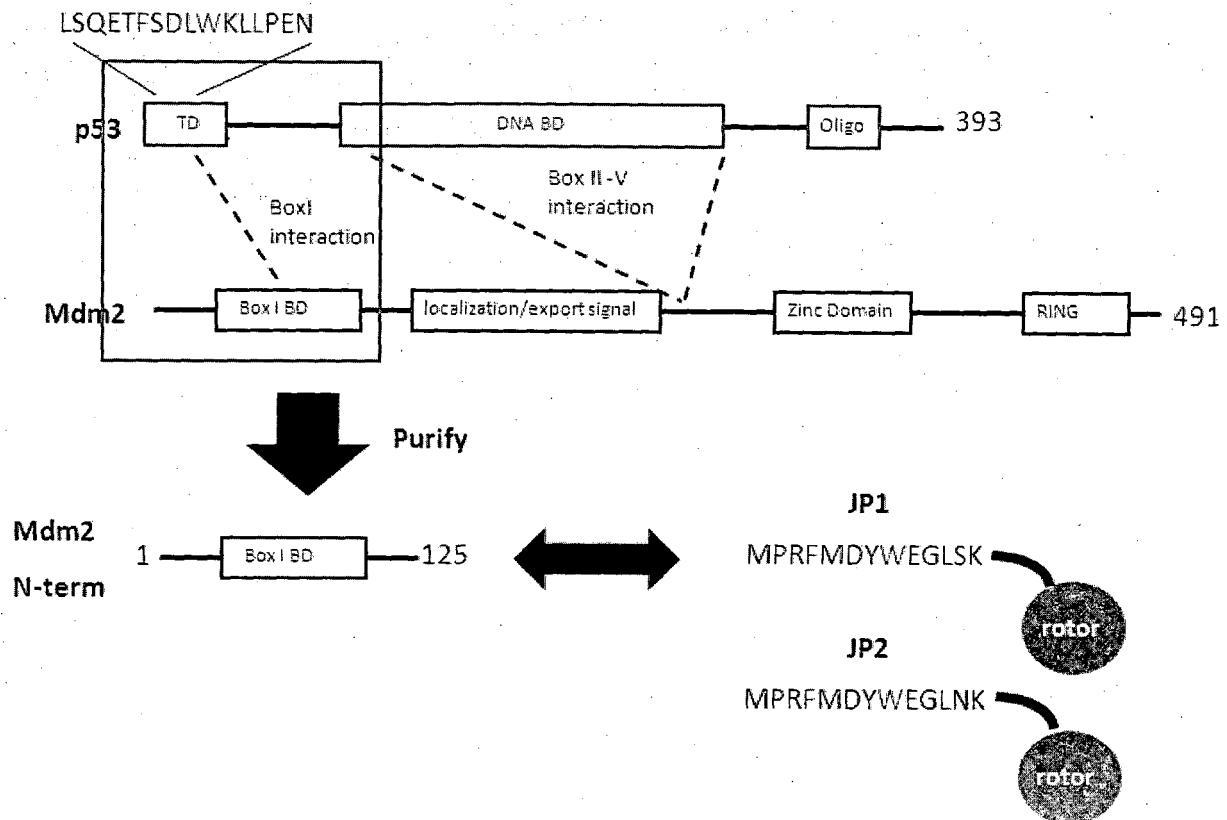


FIG. 19

Peptide ID	Aminoacid sequence	K _a [#]
JP1	MPRFMDYWEGLSK	18.83 ± 5.03
JP2	MPRFMDYWEGLNK	239.81 ± 53.79

Without lysine residue at C-terminus

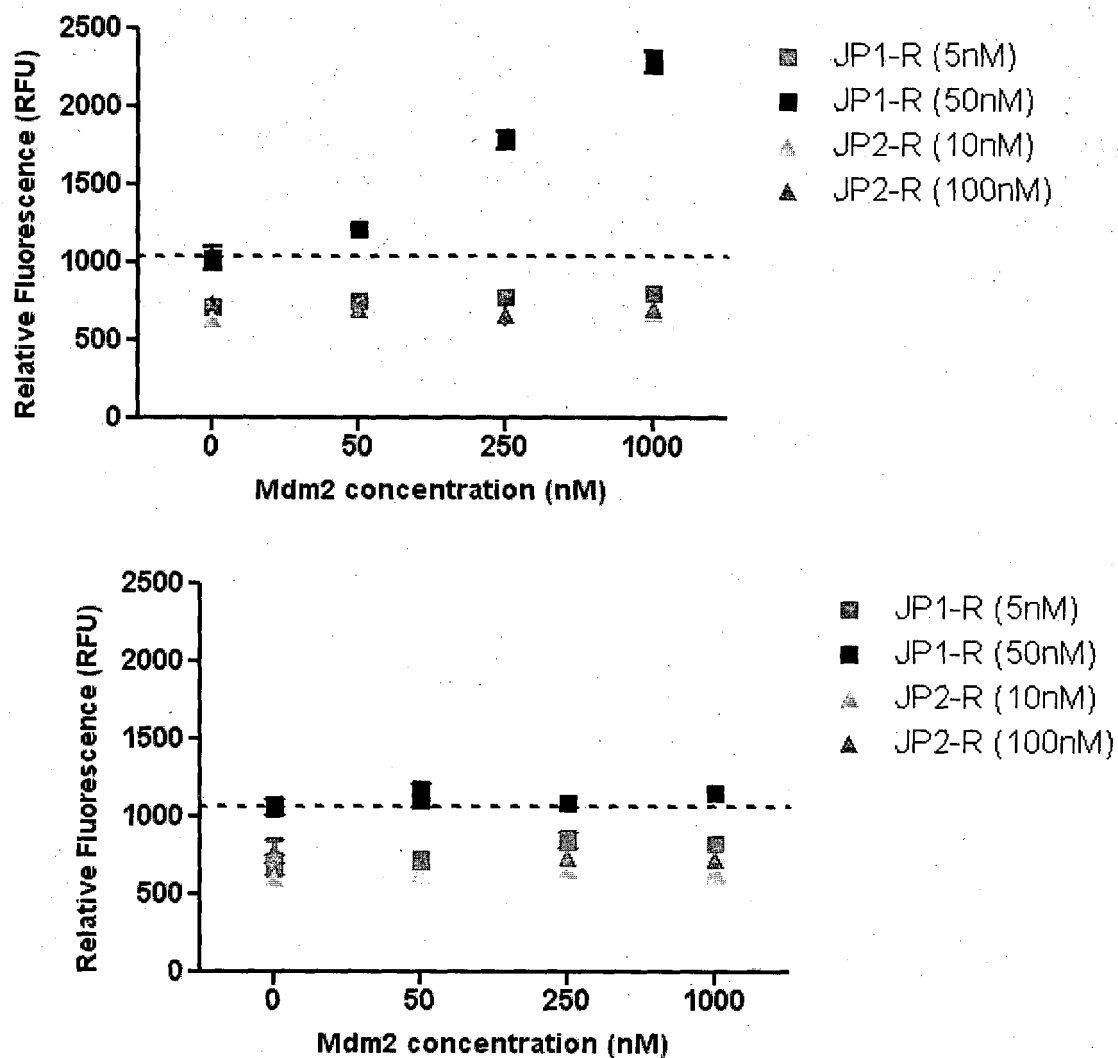
FIG. 20a

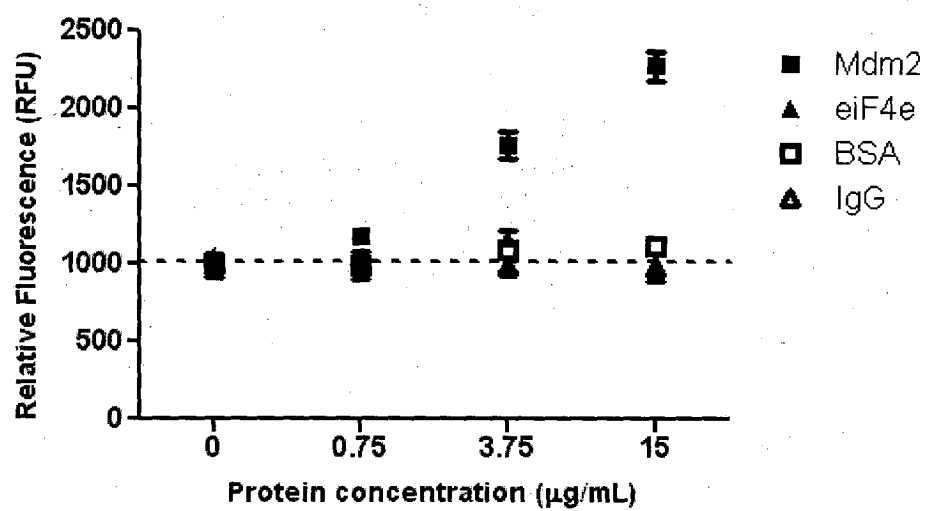
FIG. 20b

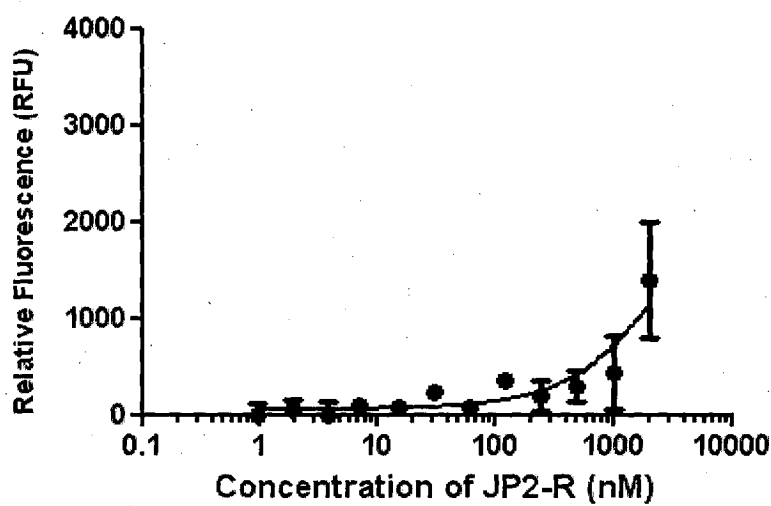
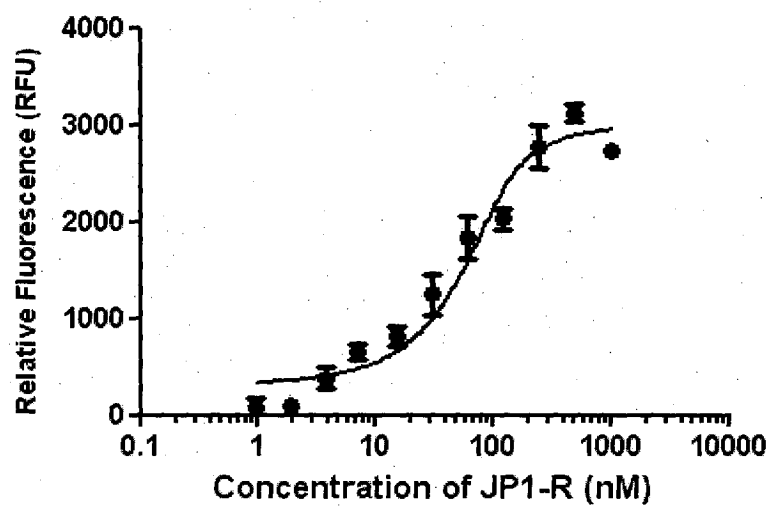
FIG. 21

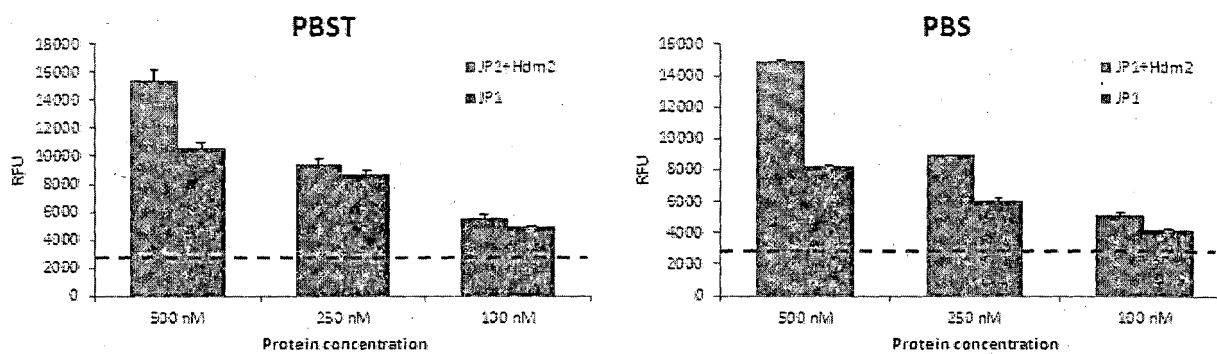
FIG. 22

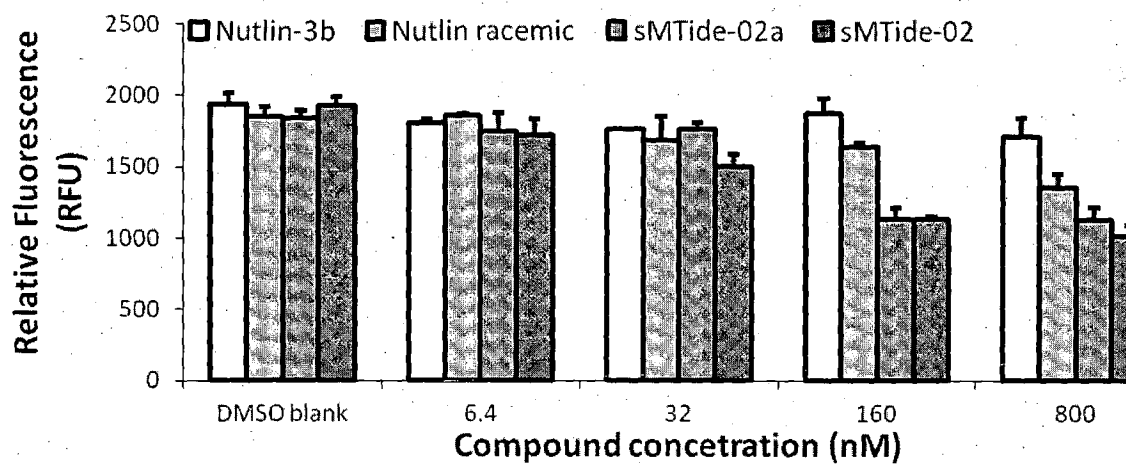
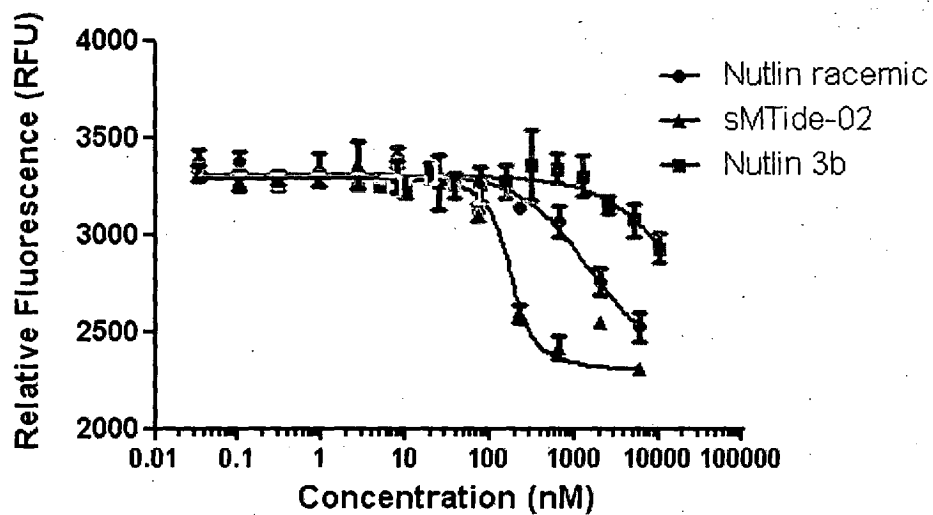
FIG. 23

FIG. 24



Compound	Previous reported K_d (nM)	Apparent K_d using JPr-R (nM)
Racemic Nutlin	201.61 ± 60.85 (ITC)	164.8 ± 29.43
sMTide-02	34.35 ± 2.03 (FP)	13.01 ± 4.29
Nutlin-3b	N.A.	2461 ± 687.3

FIG. 25a

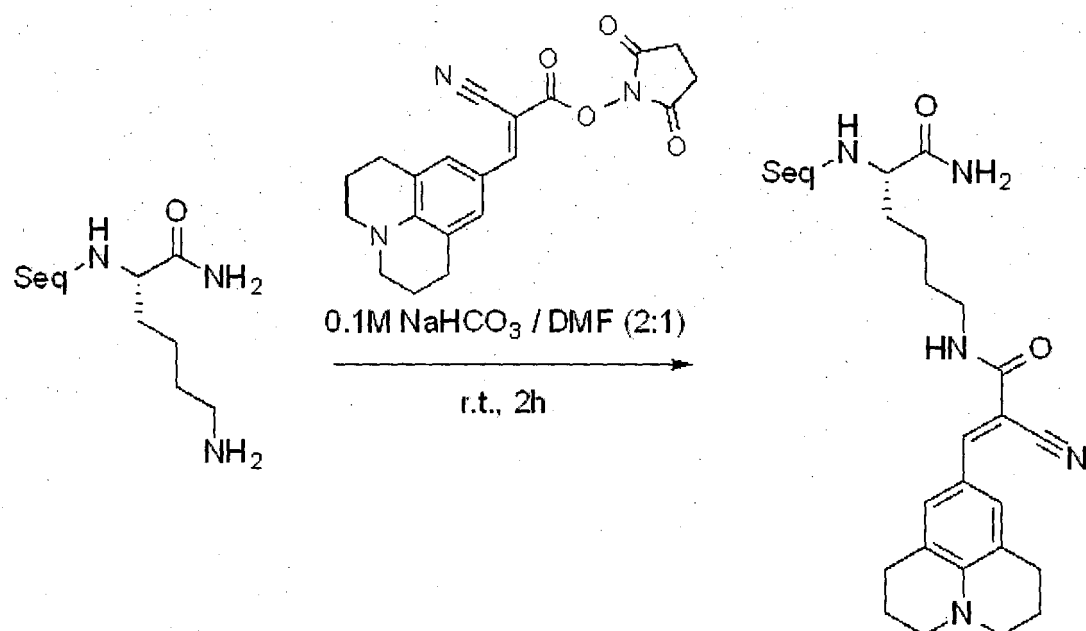


FIG. 25b

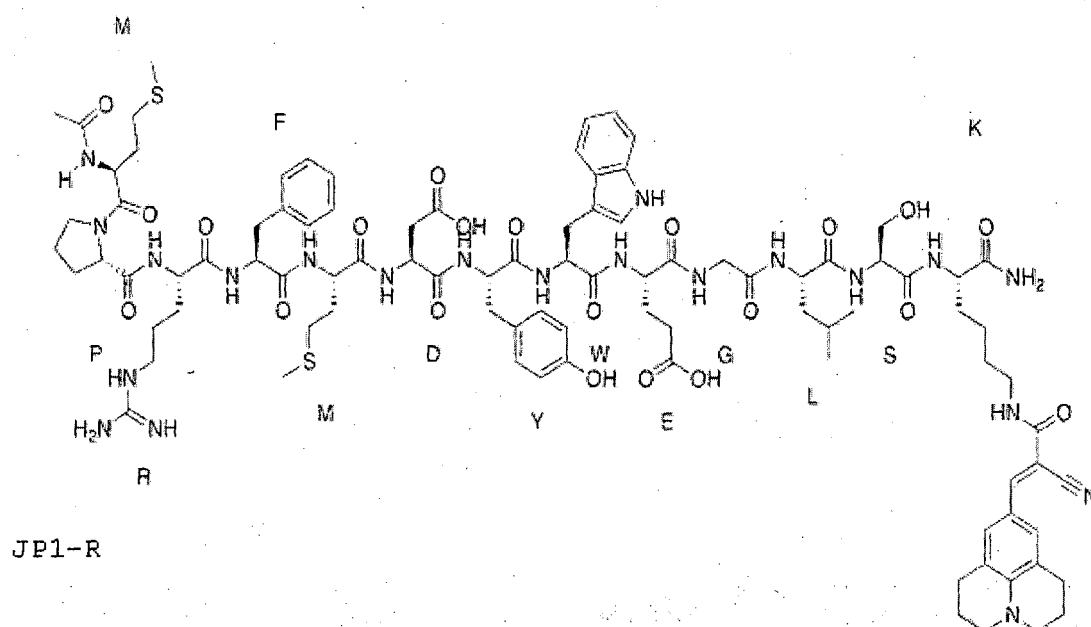


FIG. 25c

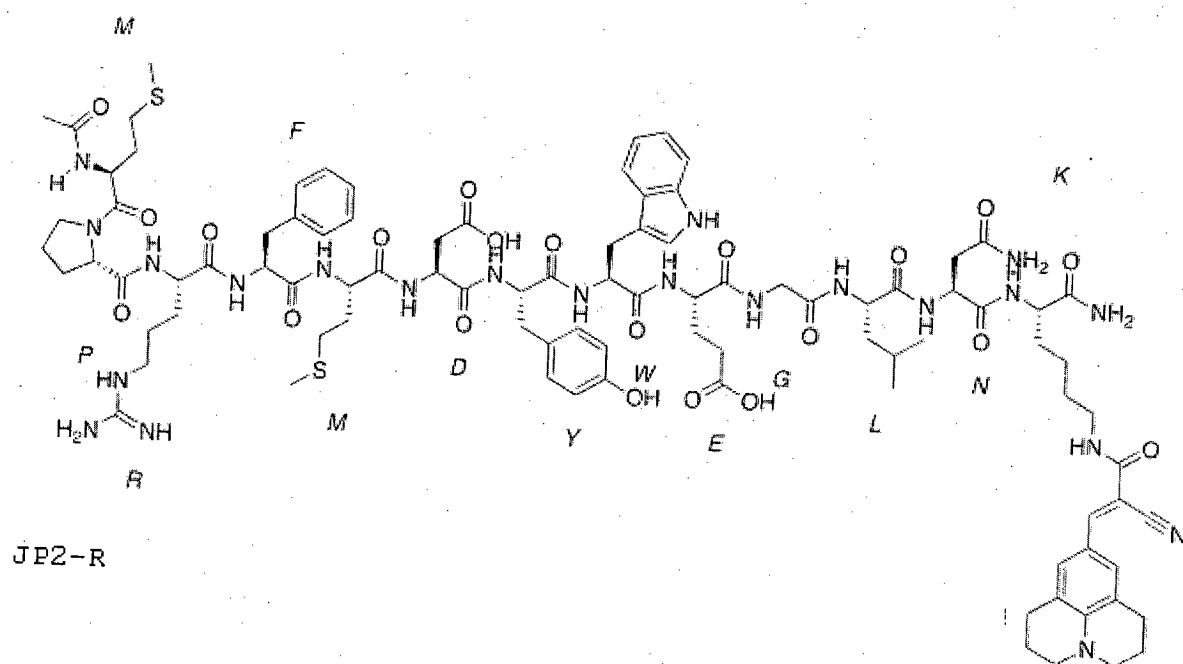


FIG. 26a

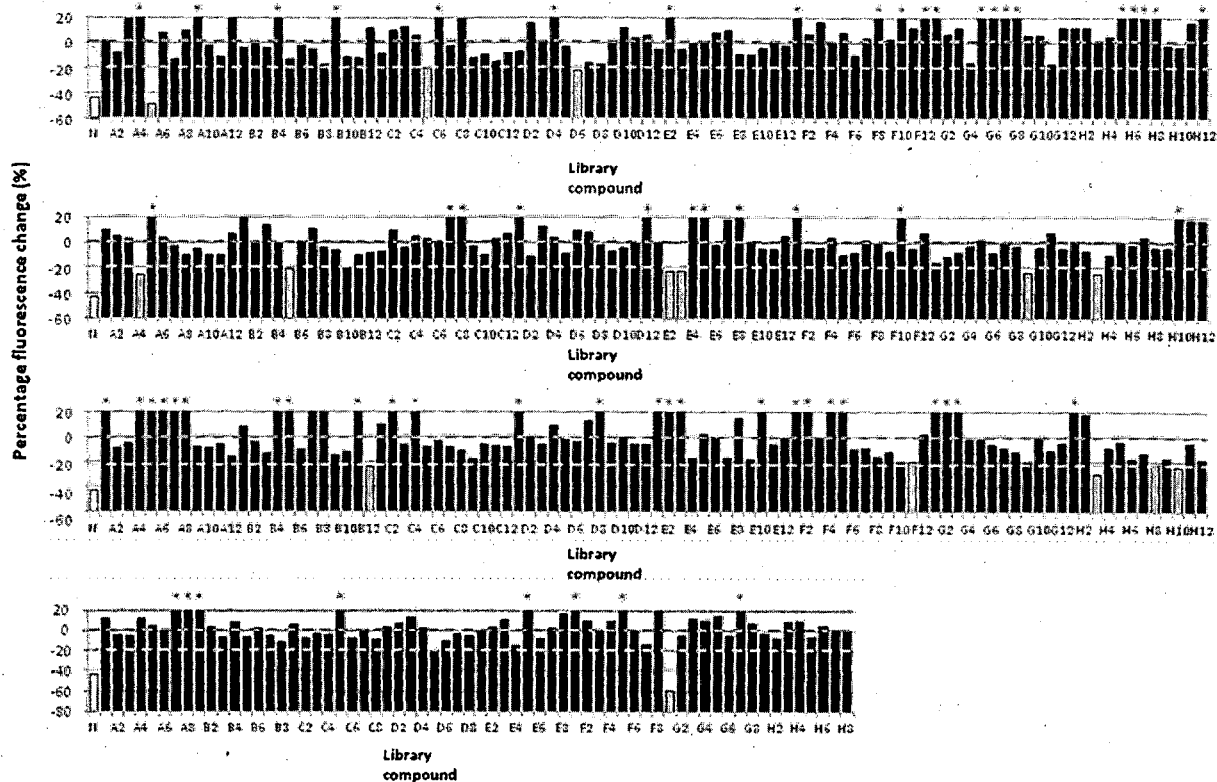


FIG. 26b

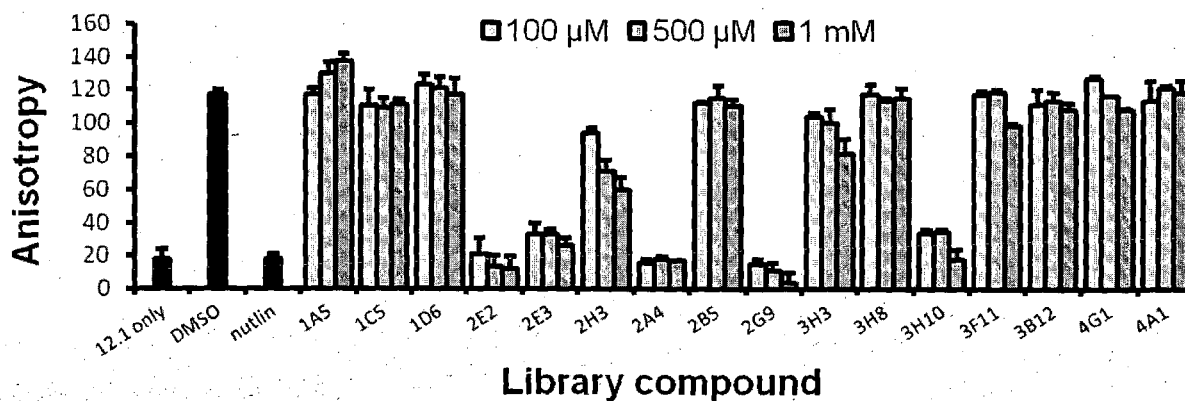


FIG. 26c

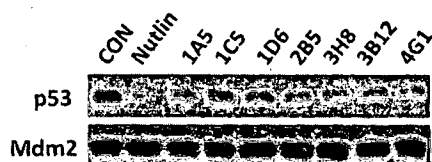


FIG. 26d

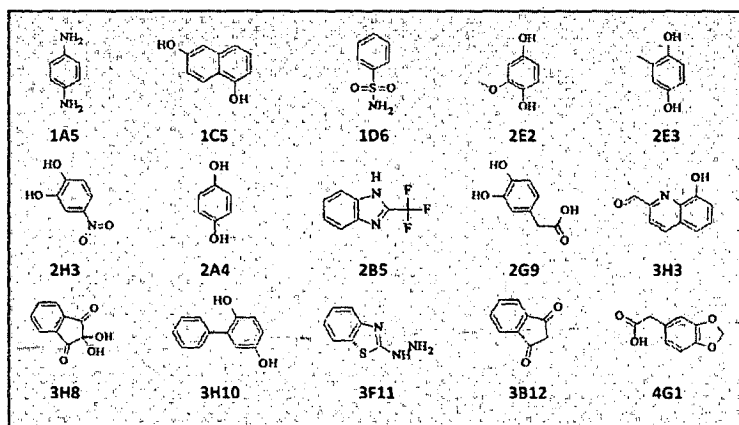


FIG. 27

