

Titration of Indicator Monomers with Glucose in 50:50 MeOH/PBS at 37°C

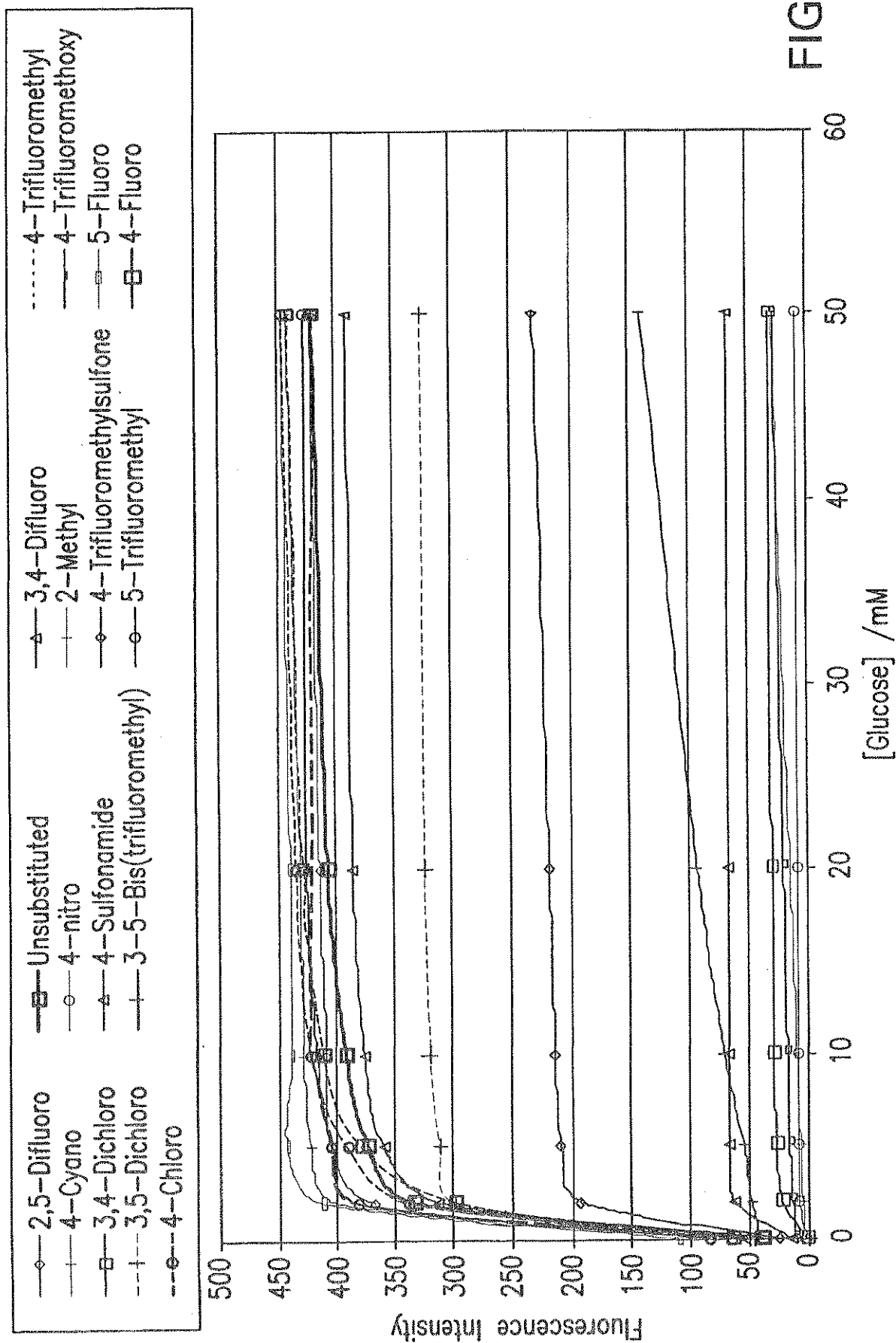


FIG.1

Indicator Gel Intensity Loss During Long Term Exposure to $10\mu\text{M}$ H_2O_2
(4mM glucose/PBS) at 37°C

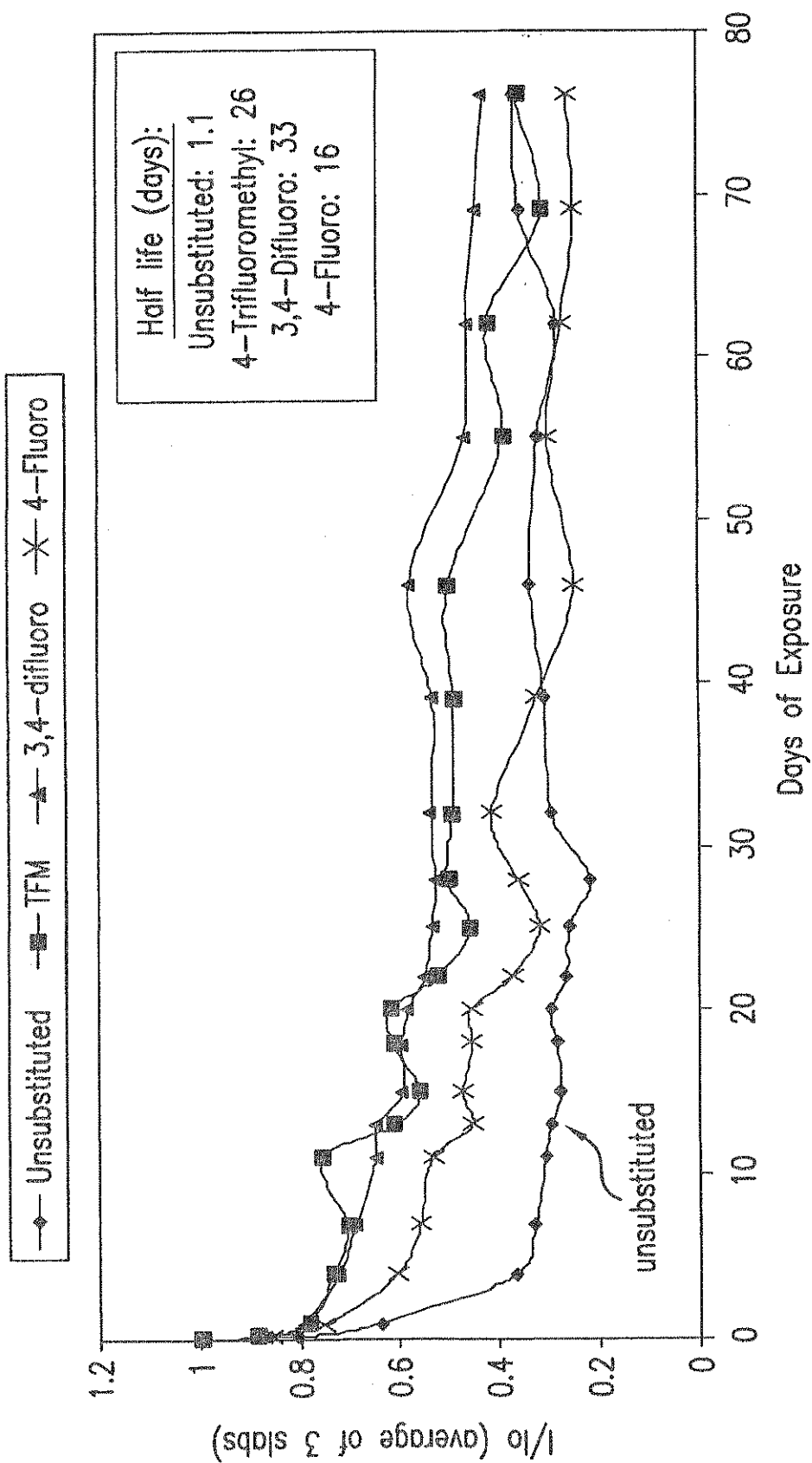


FIG.2

Indicator Monomers ($16\mu\text{M}$) in PBS Solution Exposed to $1\text{ mM H}_2\text{O}_2$ at 37°C .

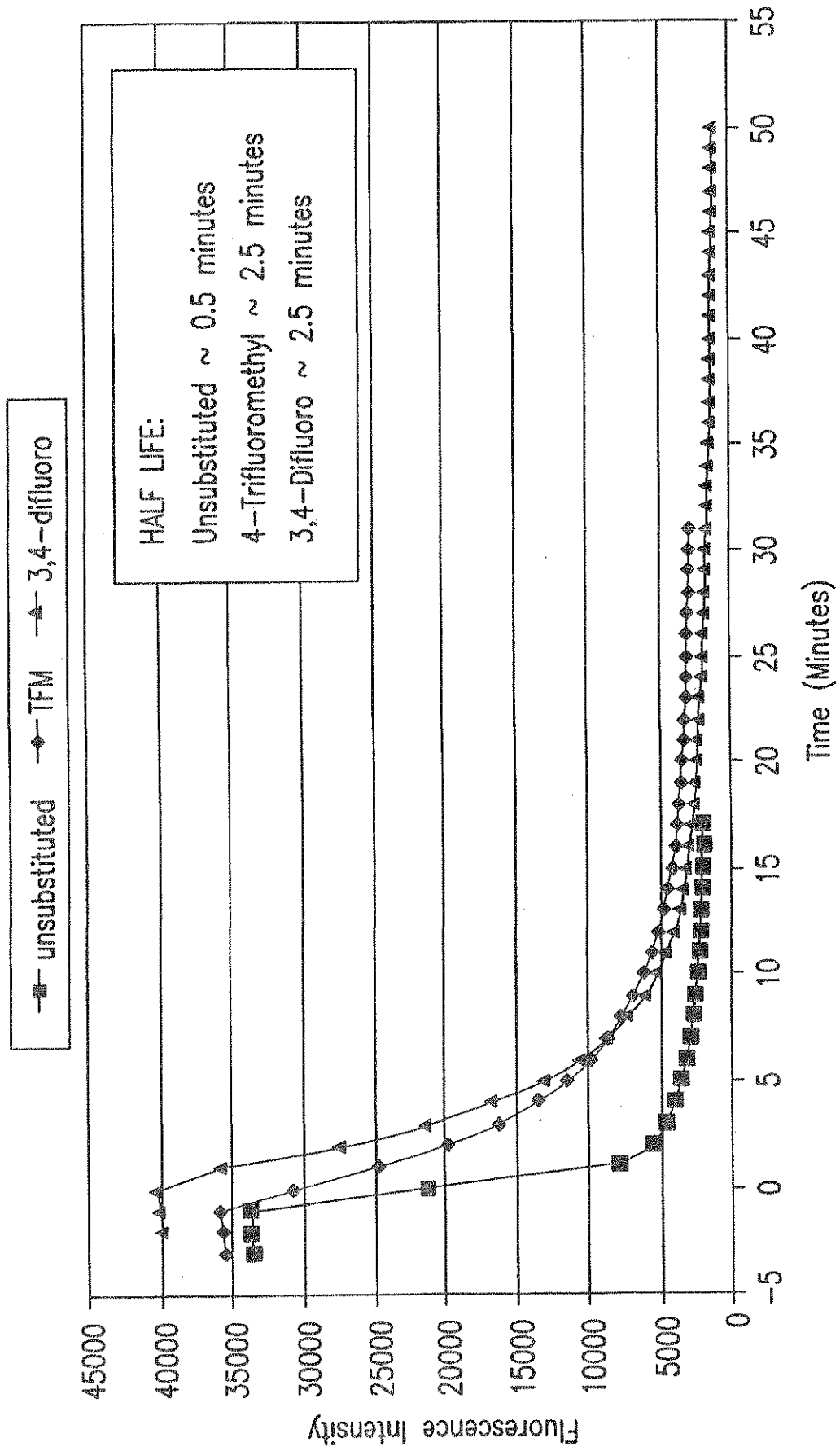


FIG.3

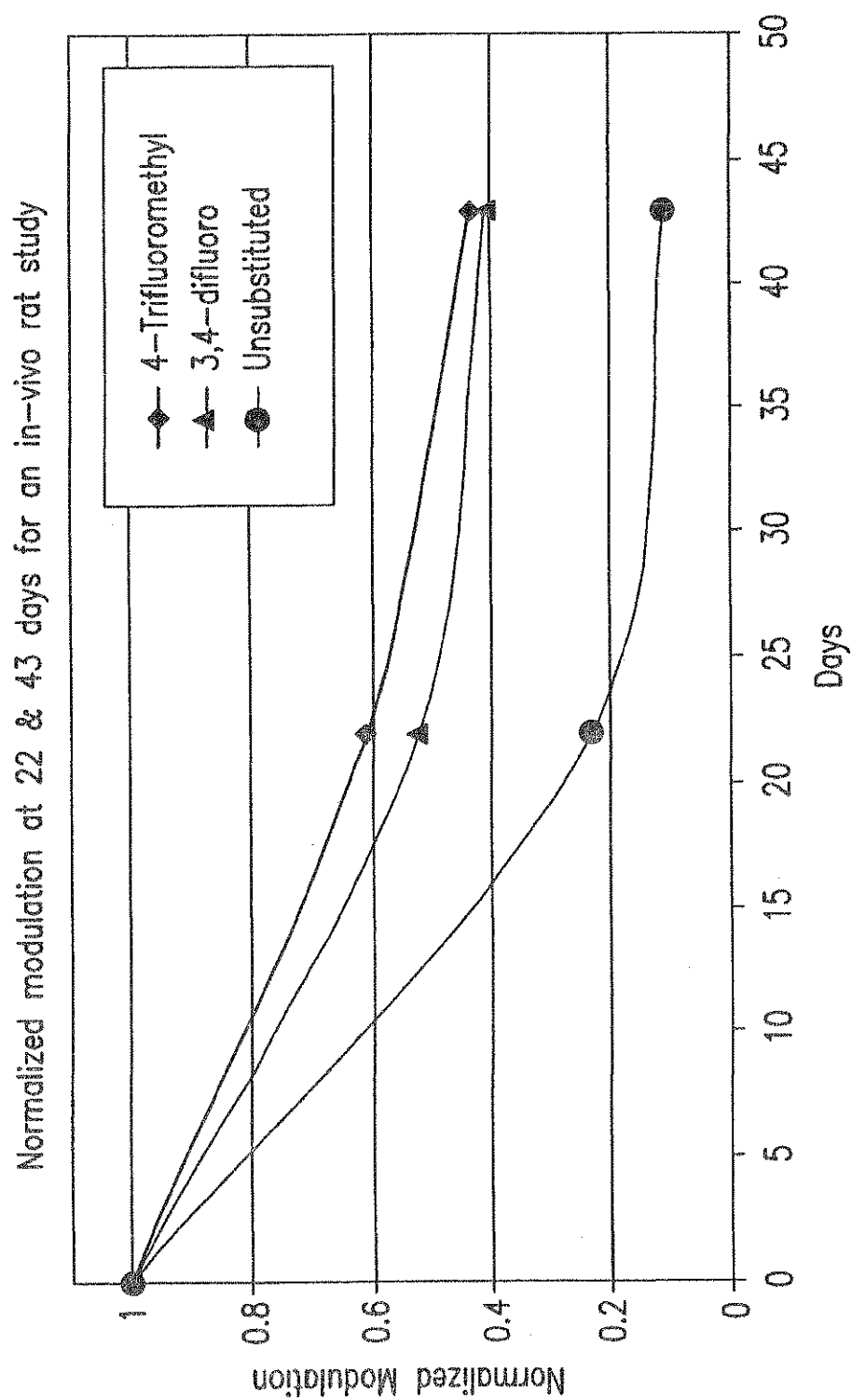


FIG.4

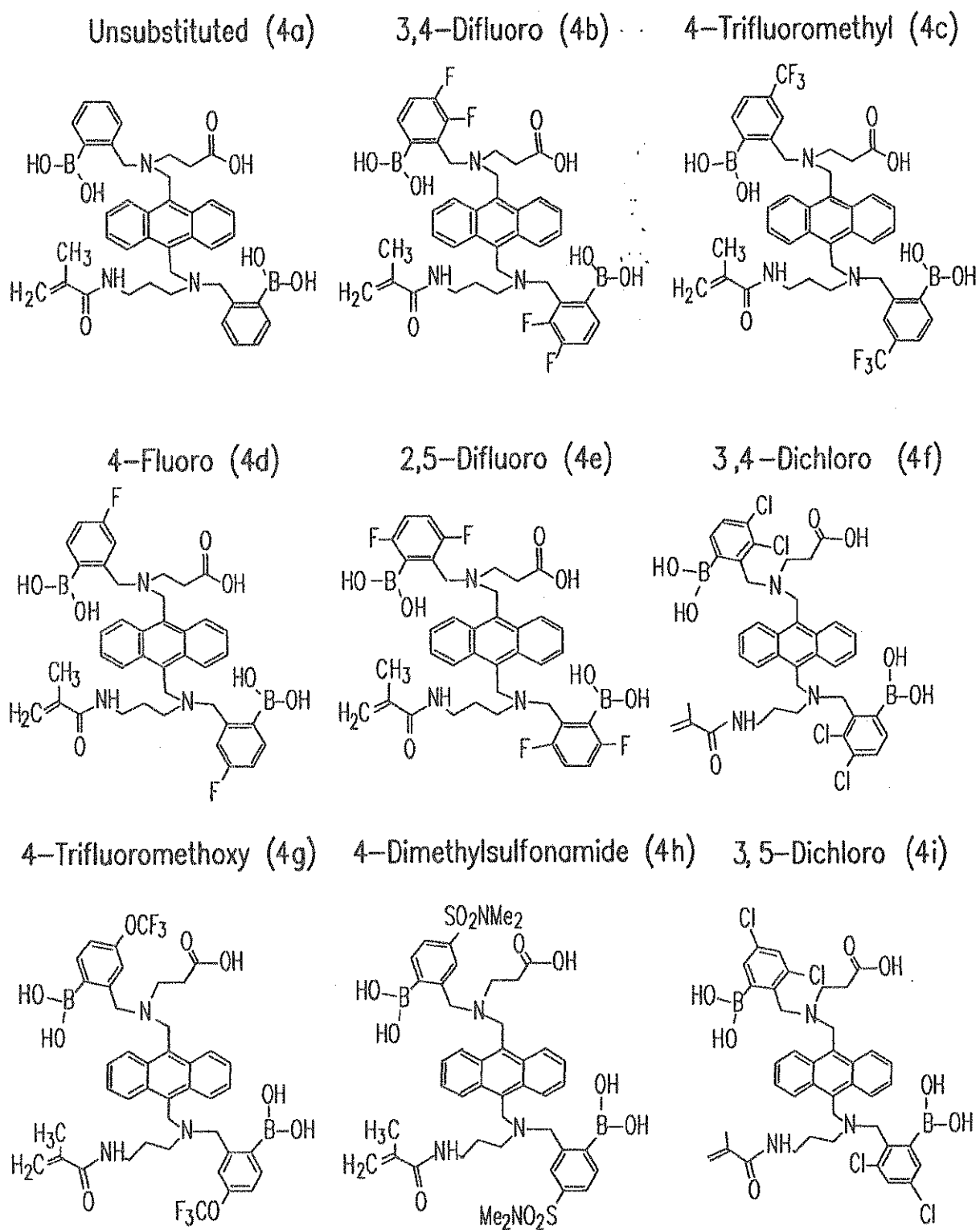
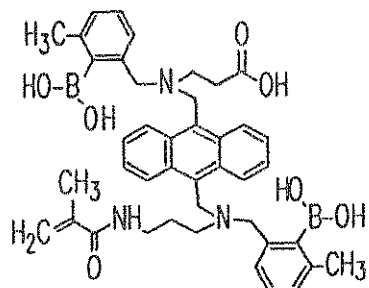
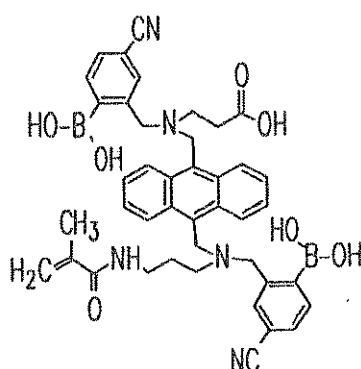


FIG.5A

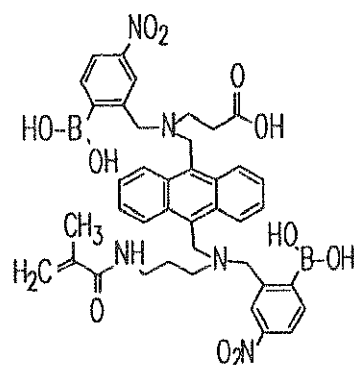
2-Methyl (8)



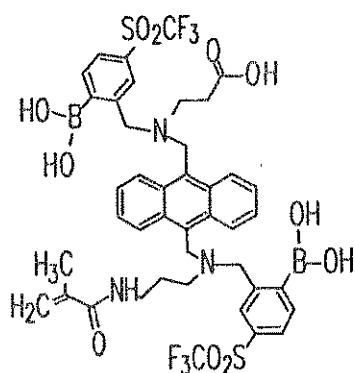
4-Cyano (14a)



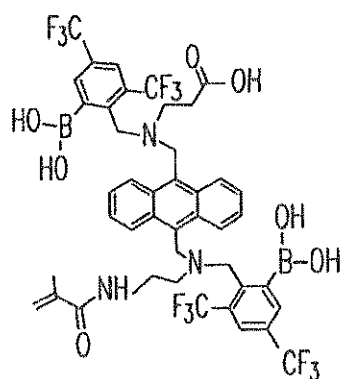
4-Nitro (14b)



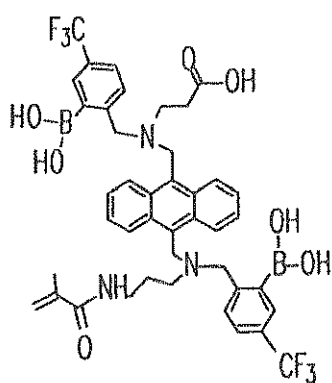
4-Trifluoromethylsulfone (21)



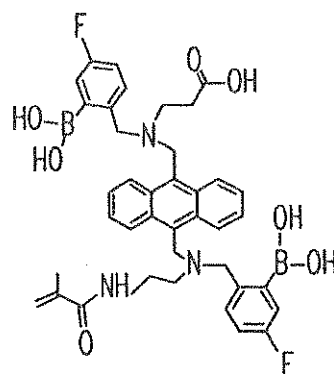
3,5-bis(trifluoromethyl) (27a)



5-Trifluoromethyl (27b)



5-Fluoro (32a)



4-Chloro (32b)

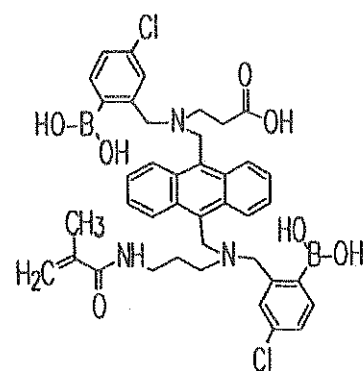


FIG. 5B

Indicator Slab Gels Treated with 1 mM H_2O_2 at 37°C

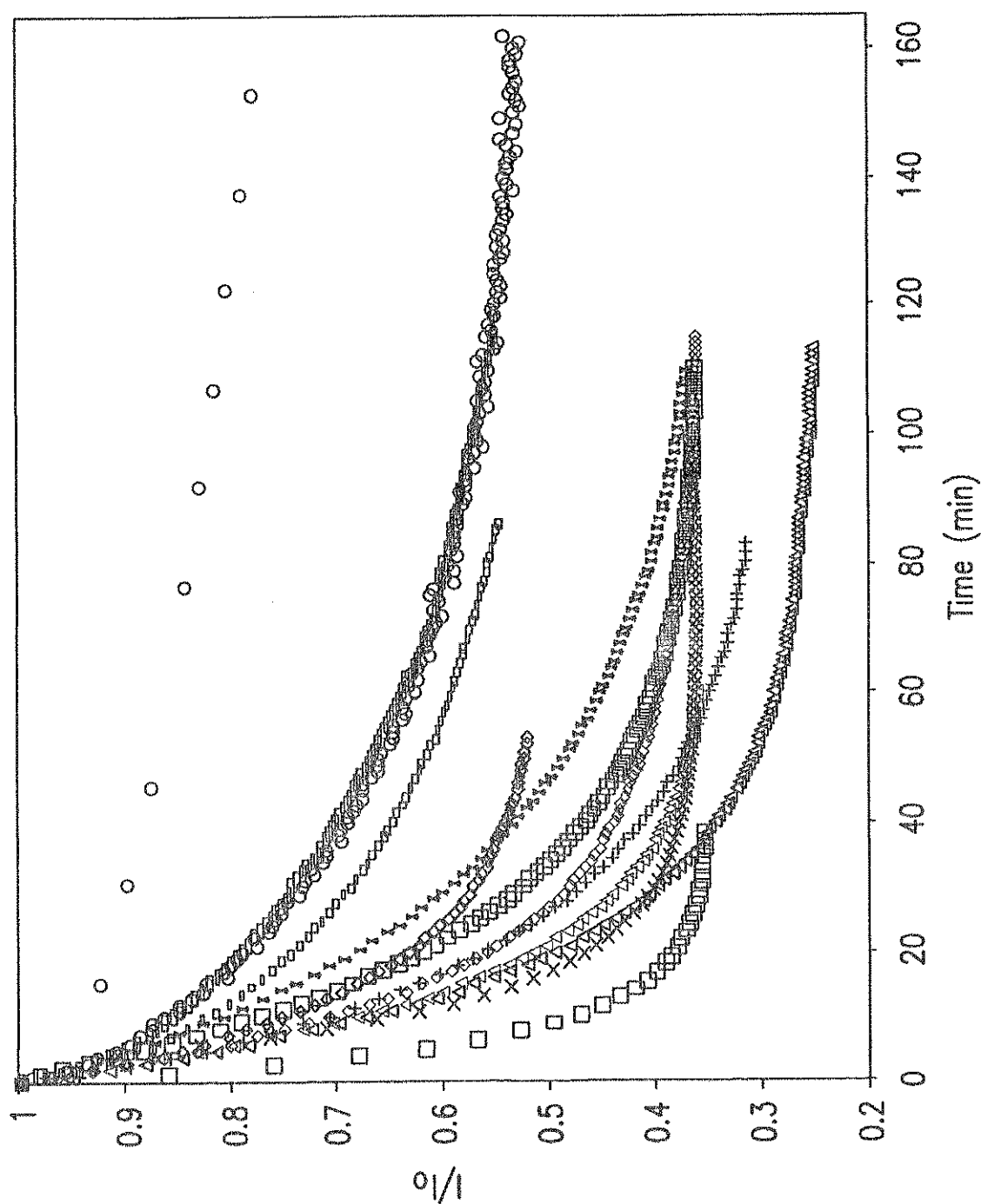


FIG.6

Indicator Gels Treated with 1mM H_2O_2 at 37°C in 4 mM Glucose Solution

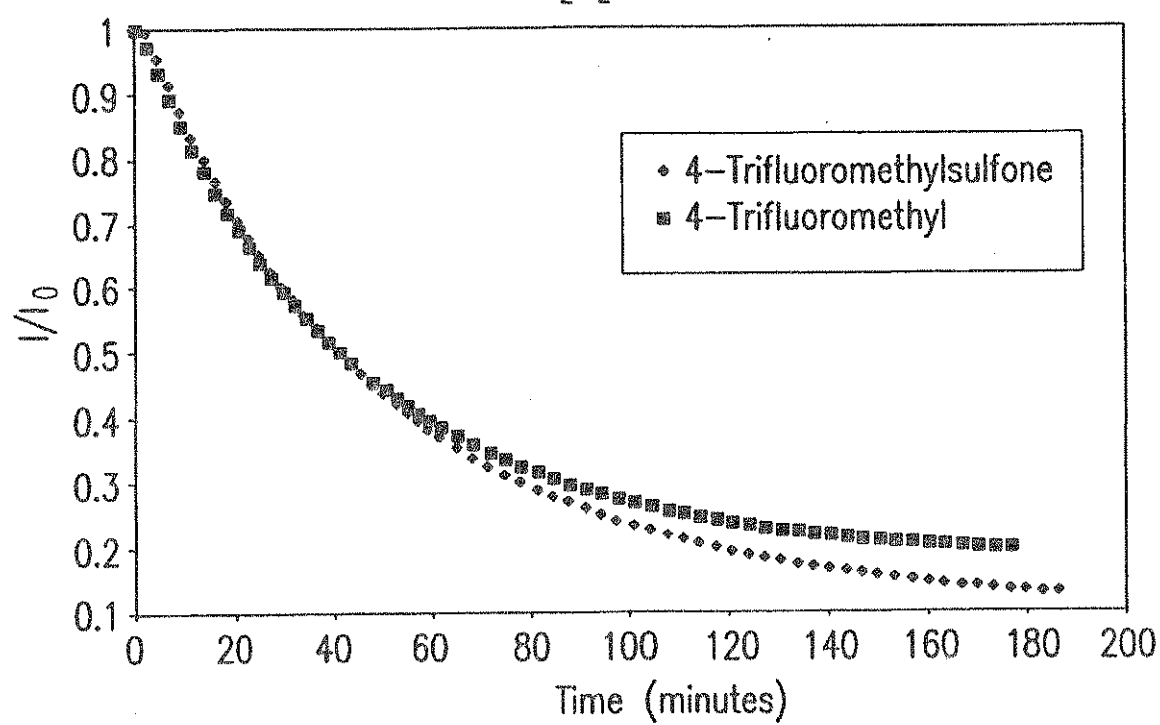


FIG.7

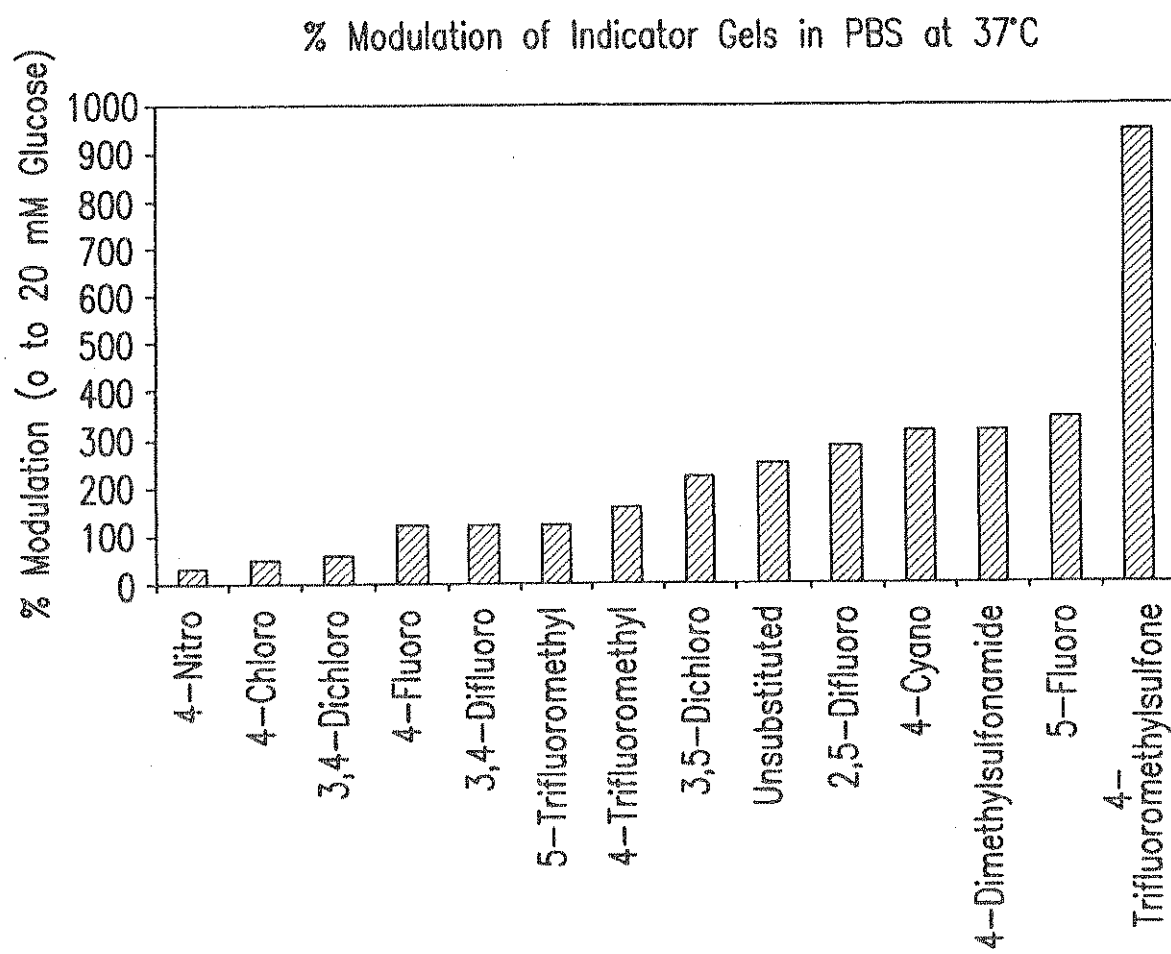


FIG. 8