

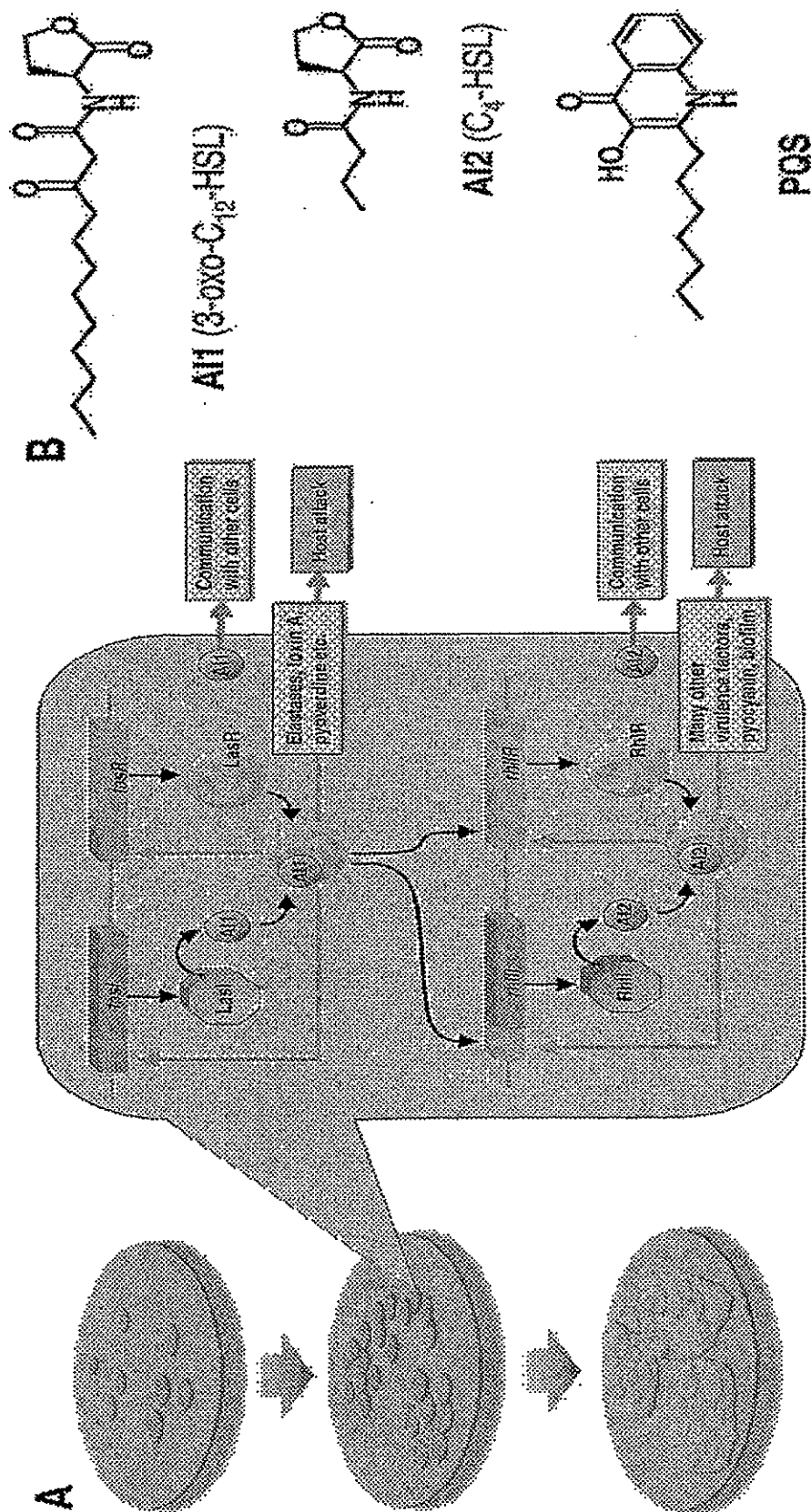
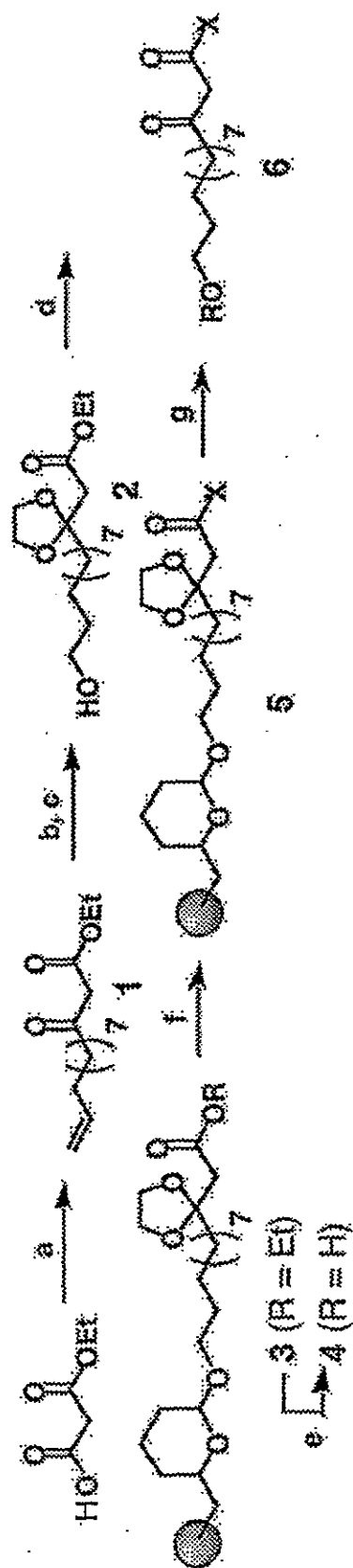
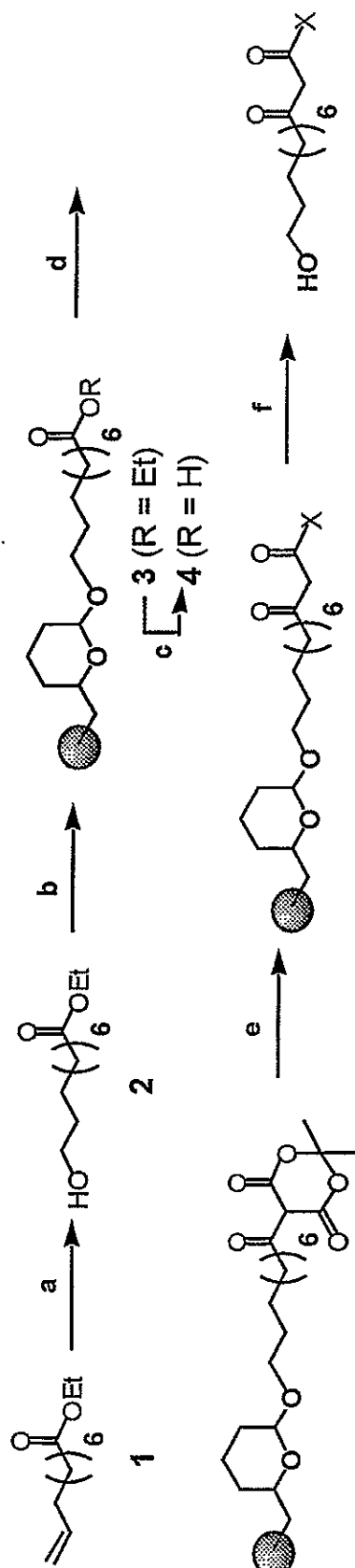


FIGURE 1



Reagents and conditions: (a) $n\text{-BuLi}$, THF, -78°C ; undecenoyl chloride; (b) $\text{HOCH}_2\text{CH}_2\text{OH}$, $p\text{-TsOH}$, benzene, reflux. (c) BH_3 , THF, THF; H_2O_2 , NaHCO_3 , aq, 38% for three steps (a-c); (d) DHP resin, PPTS, CH_2Cl_2 , room temperature, 27 h; (e) LiOH in $\text{THF}/\text{H}_2\text{O}$, 75°C , 20 h. (f) parallel couplings with 94 amines and 2 alcohols (X), EDC, DMAP, DIPEA, DMF, room temperature, 72 h; (g) 95% TFA, room temperature, 30 min, $\text{R} = \text{CF}_3\text{CO}$ or H .

FIGURE 2



Solid phase synthesis II. Reagents and conditions: (a) BH_3 , THF, THF; H_2O_2 , NaHCO_3 aq; (b) DHP resin, PPTS, CH_2Cl_2 , room temperature, 27 h; (c) LiOH in THF/ H_2O , 75°C , 20 h. (d) Meldrum's acid, DCC, DMAP, CH_2Cl_2 , (e) parallel couplings with amines or alcohols (X), Et_3N , CH_3CN , reflux; (g) 95% TFA, room temperature, 30 min, $\text{R} = \text{CF}_3\text{CO}$ or H.

FIGURE 3

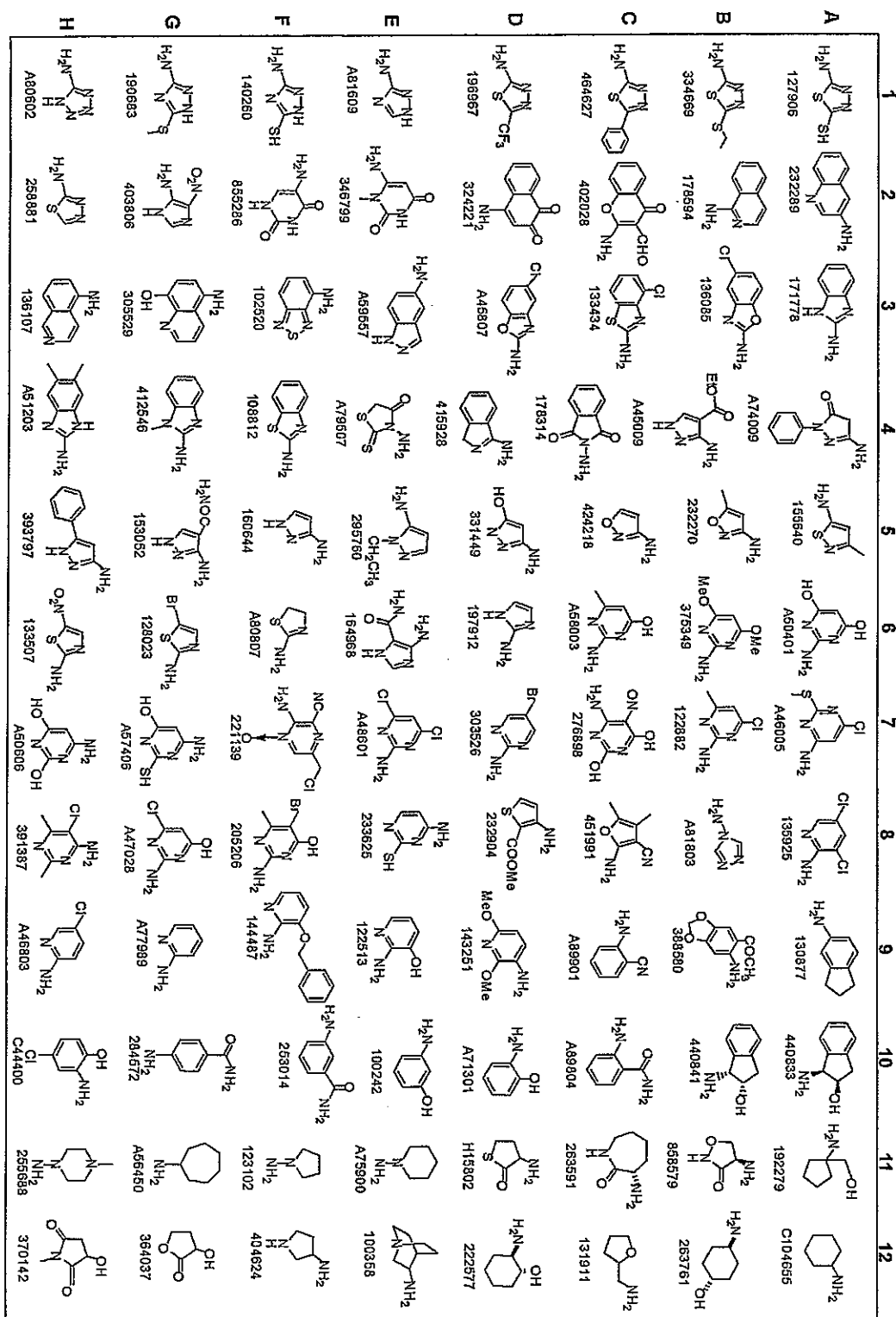


FIGURE 4

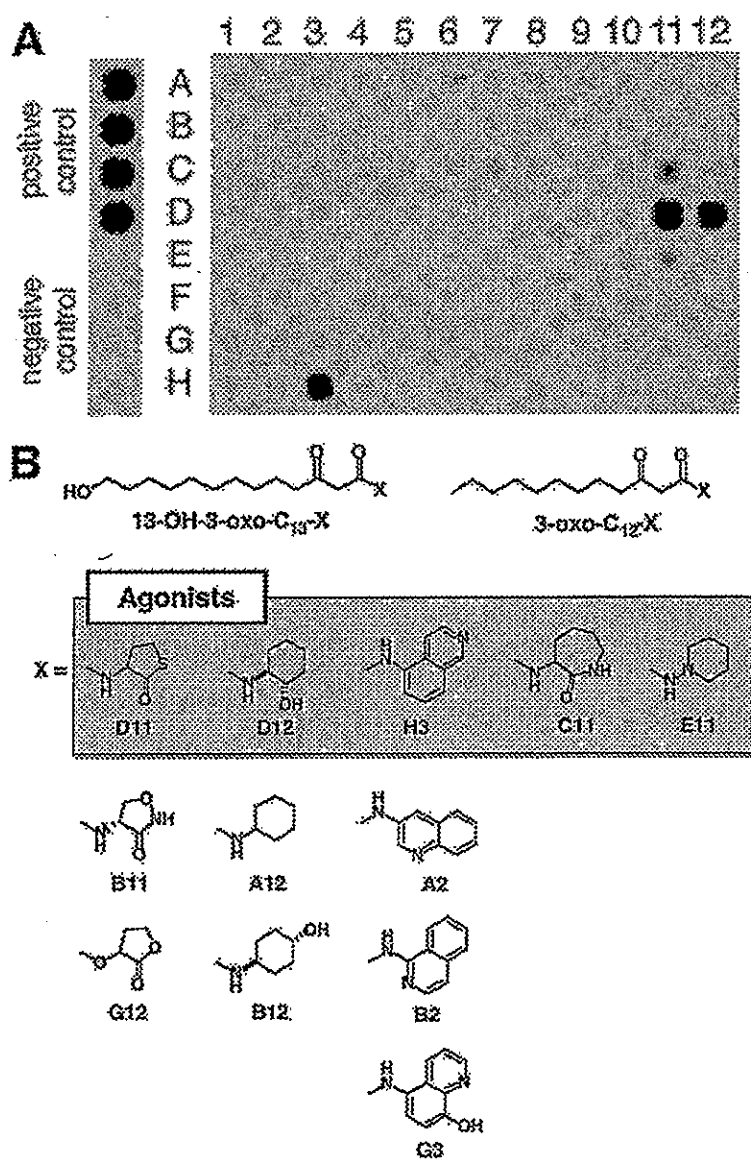


FIGURE 5

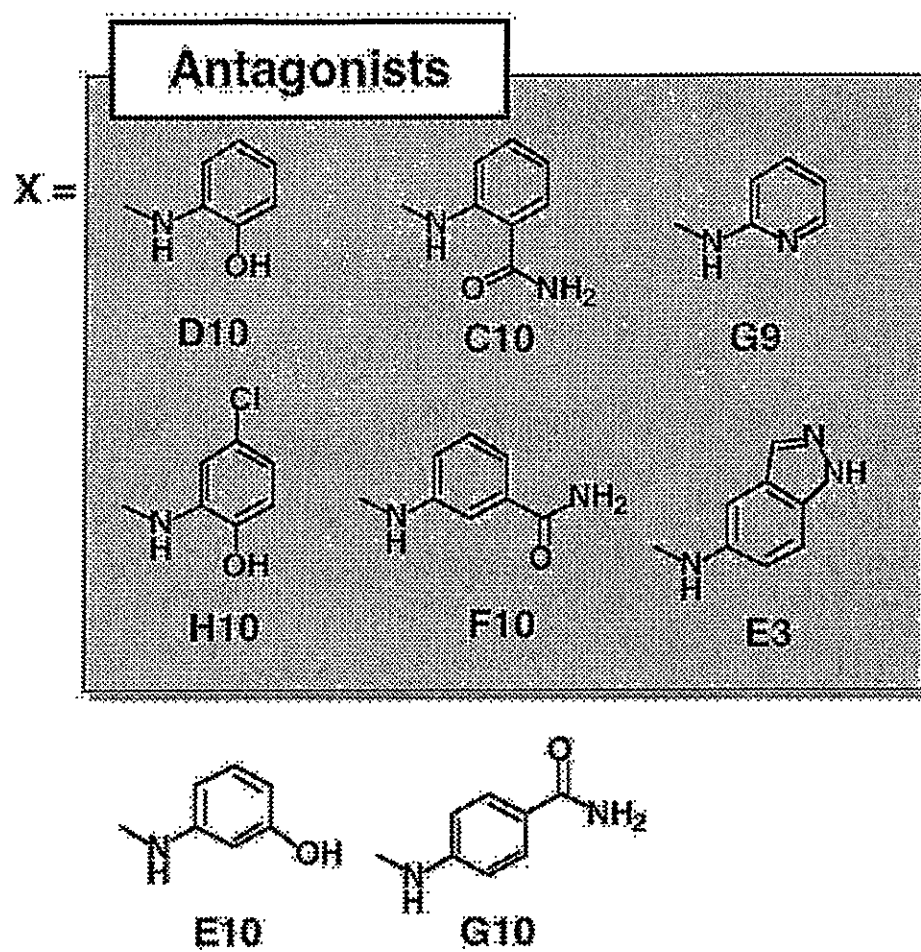


FIGURE 6

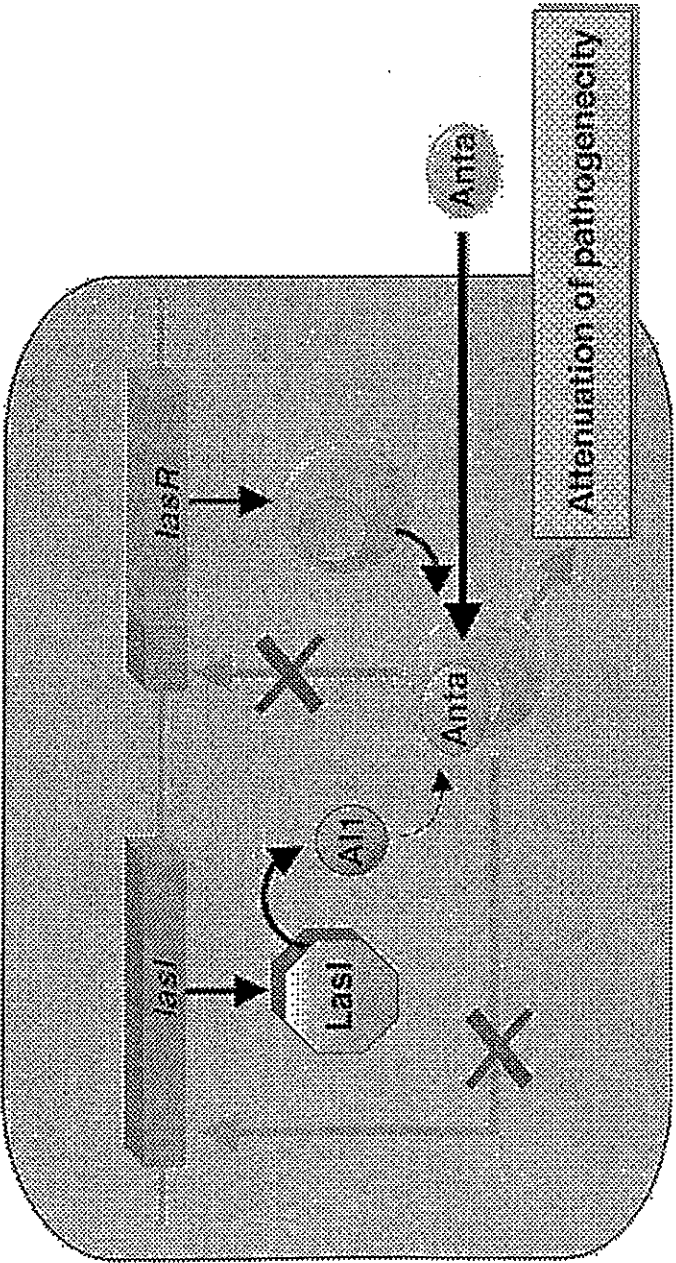


FIGURE 7

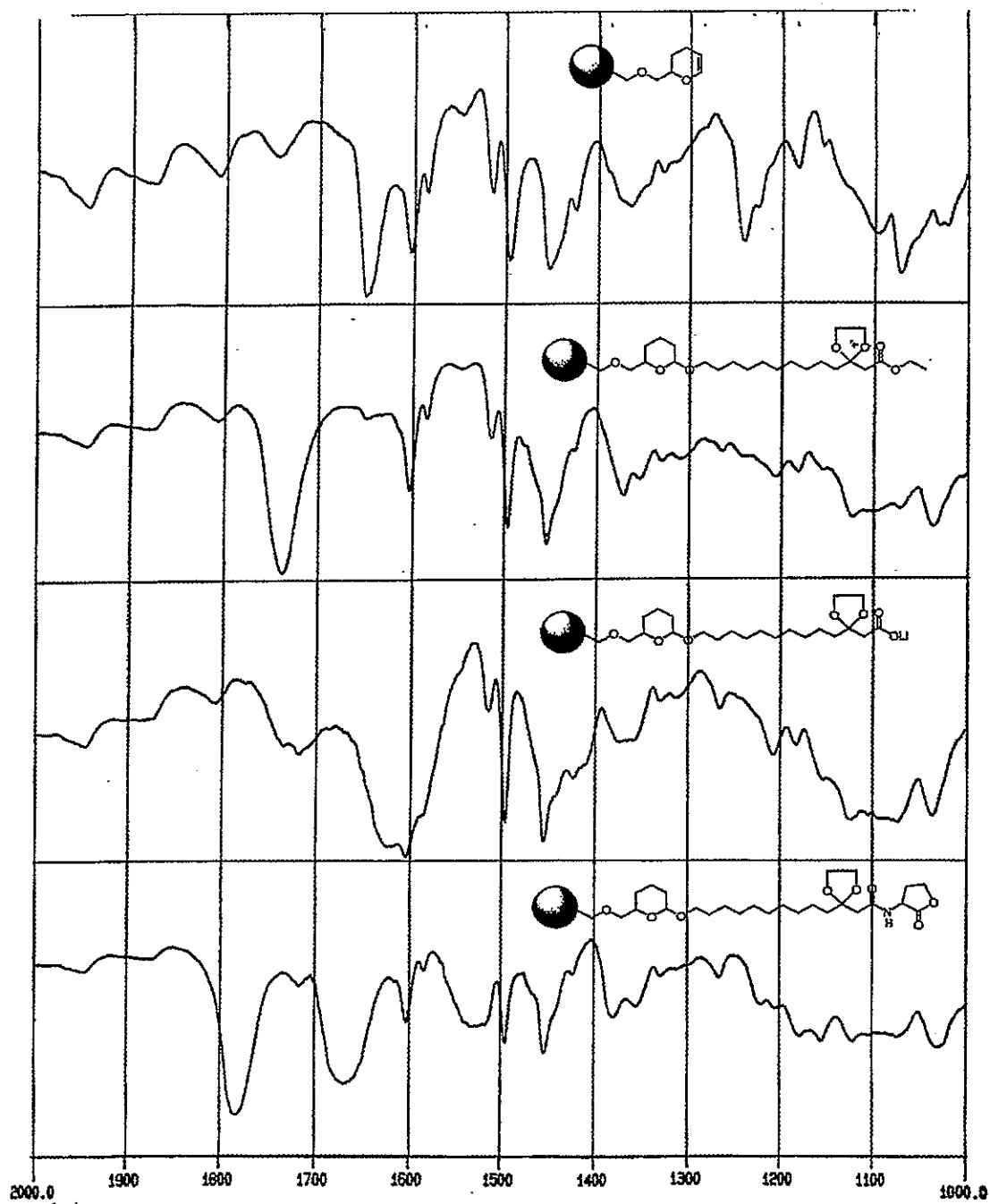


FIGURE 8

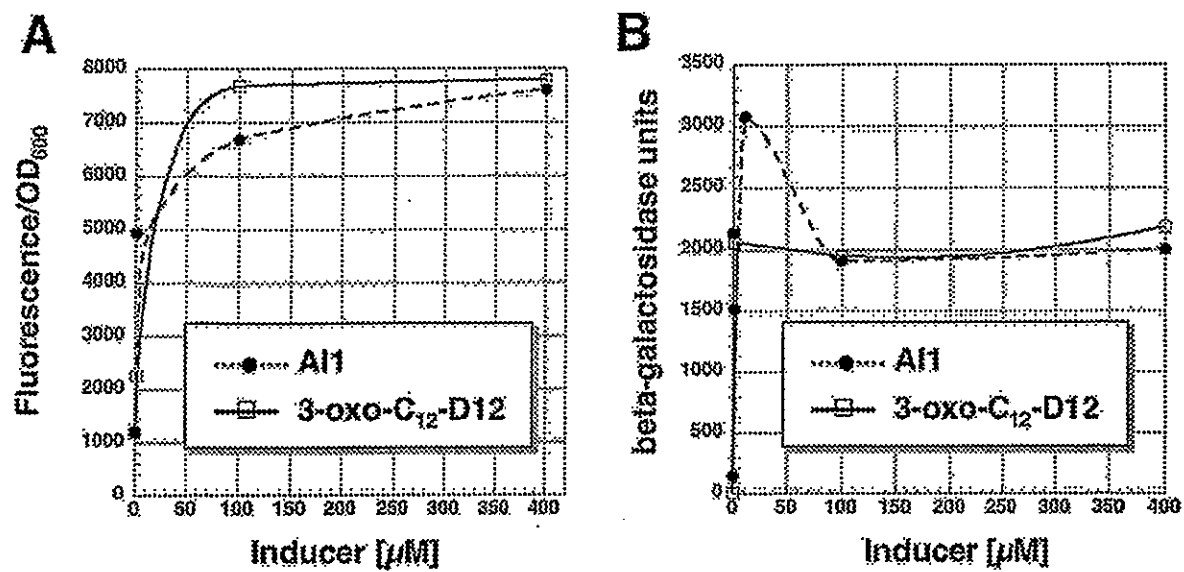


FIGURE 9

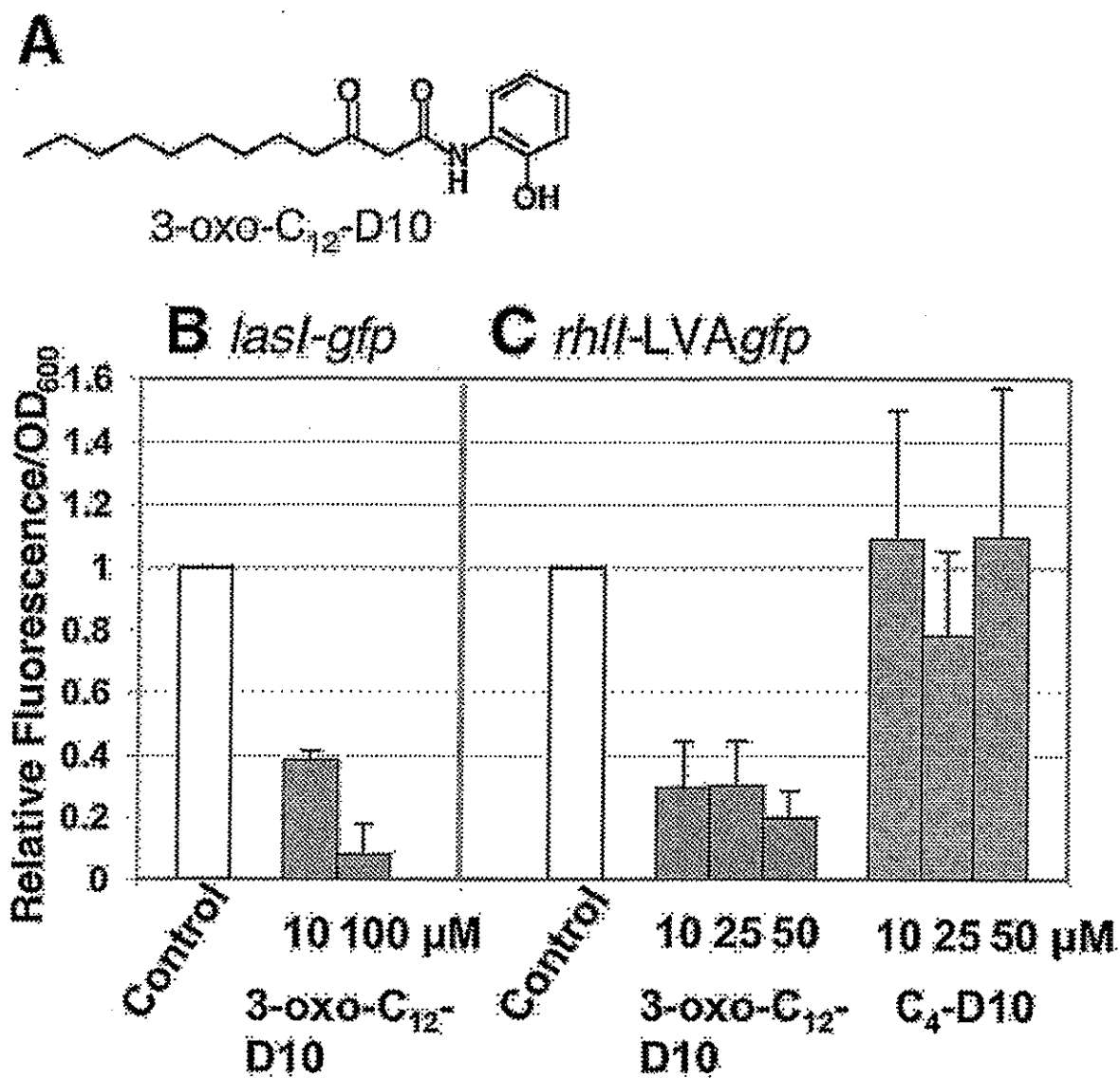


FIGURE 10

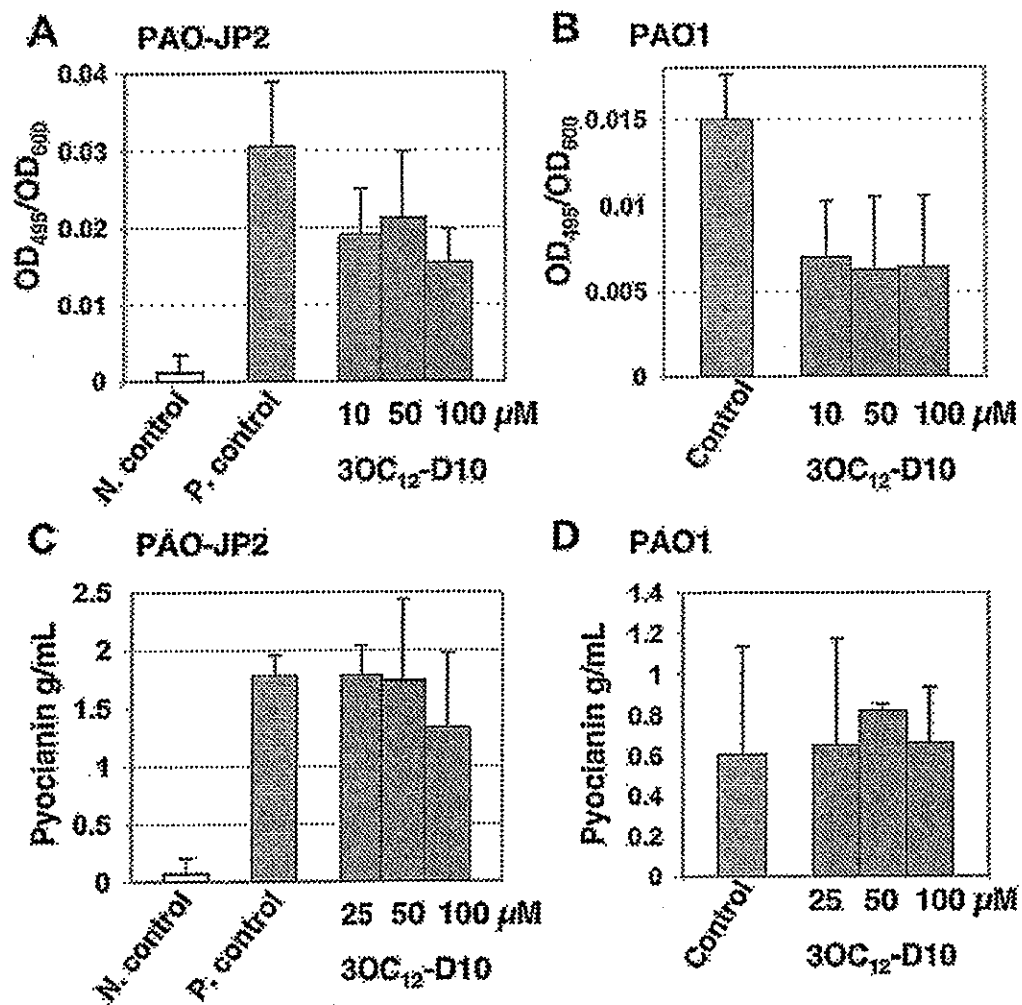


FIGURE 11

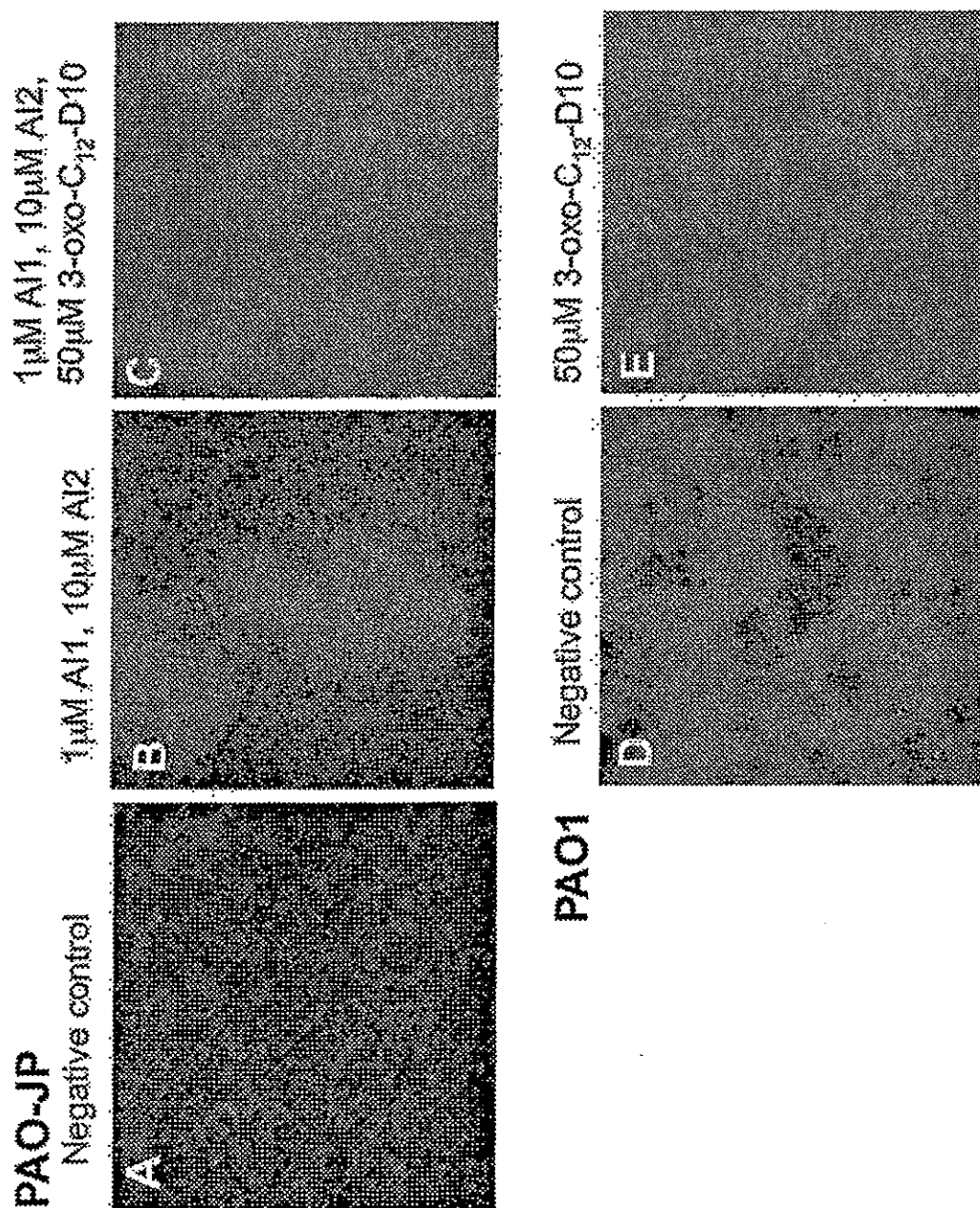


FIGURE 12

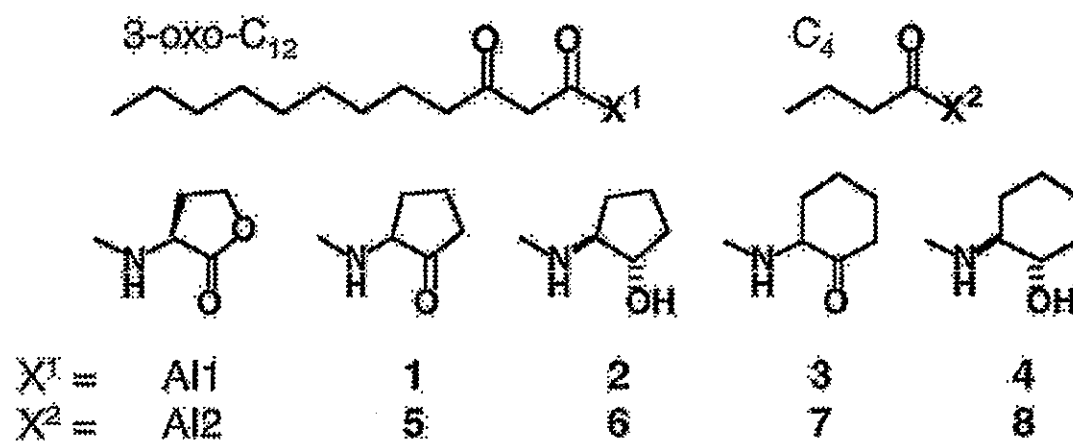


FIGURE 13

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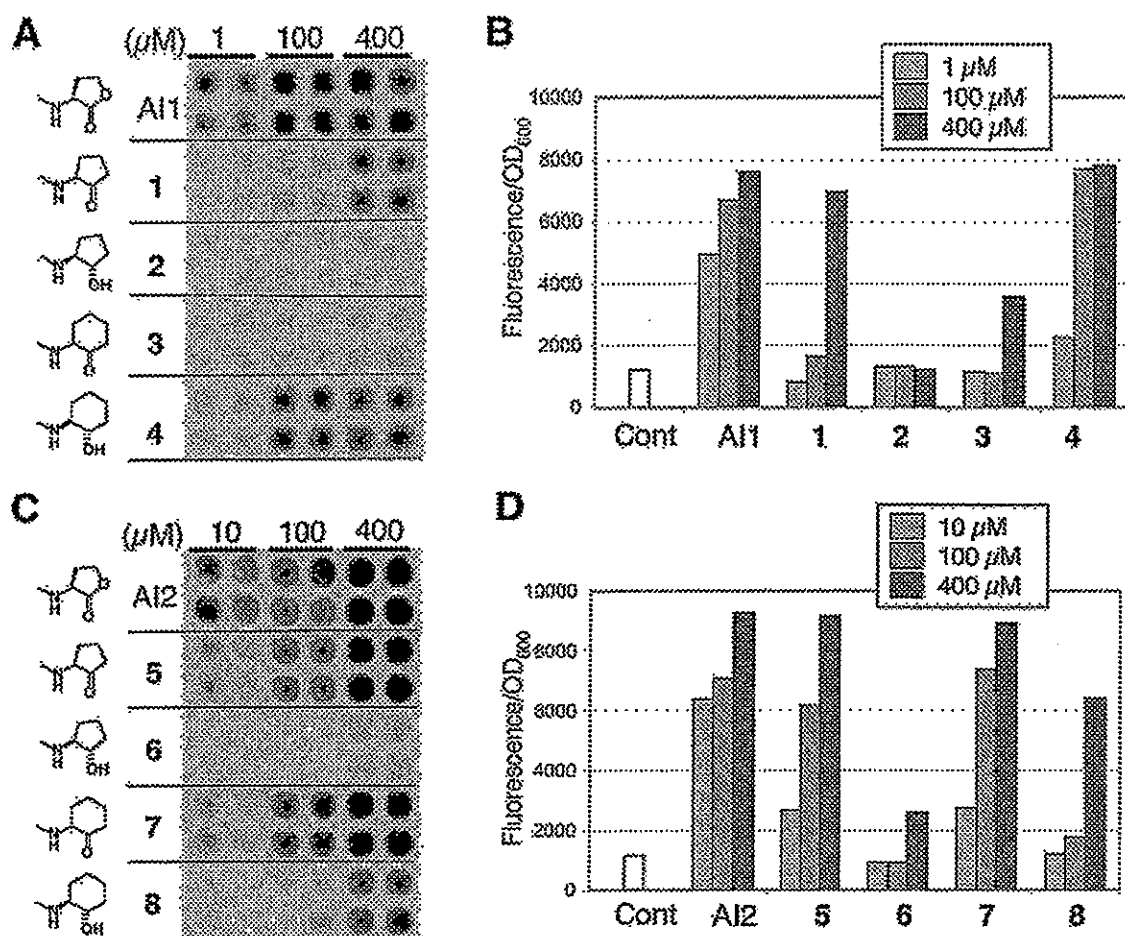


FIGURE 14

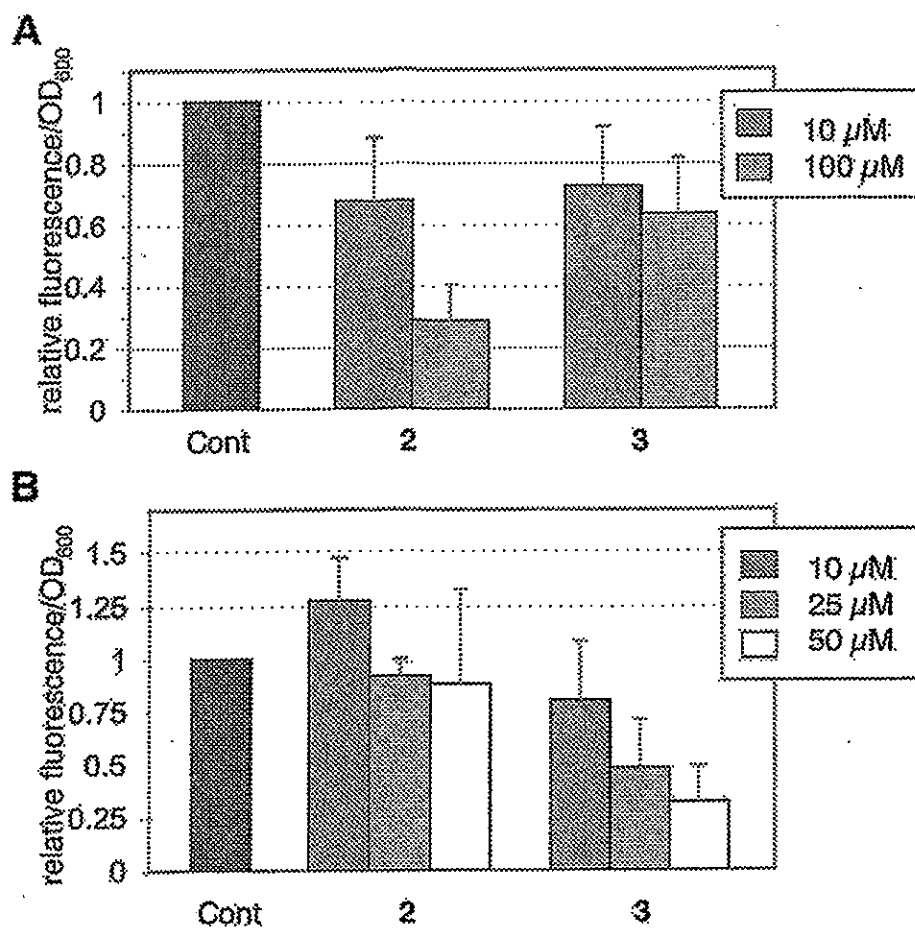


FIGURE 15

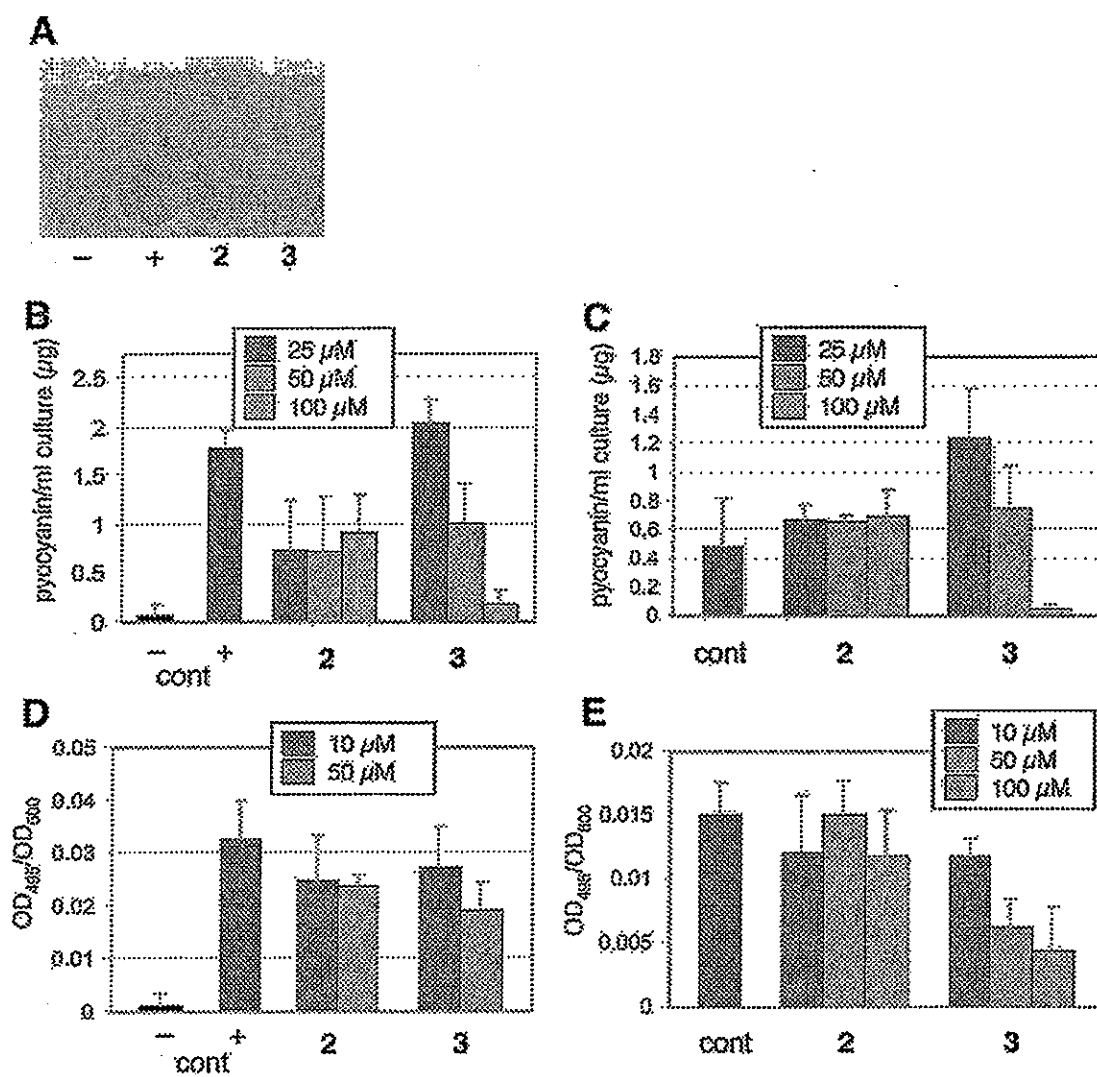


FIGURE 16

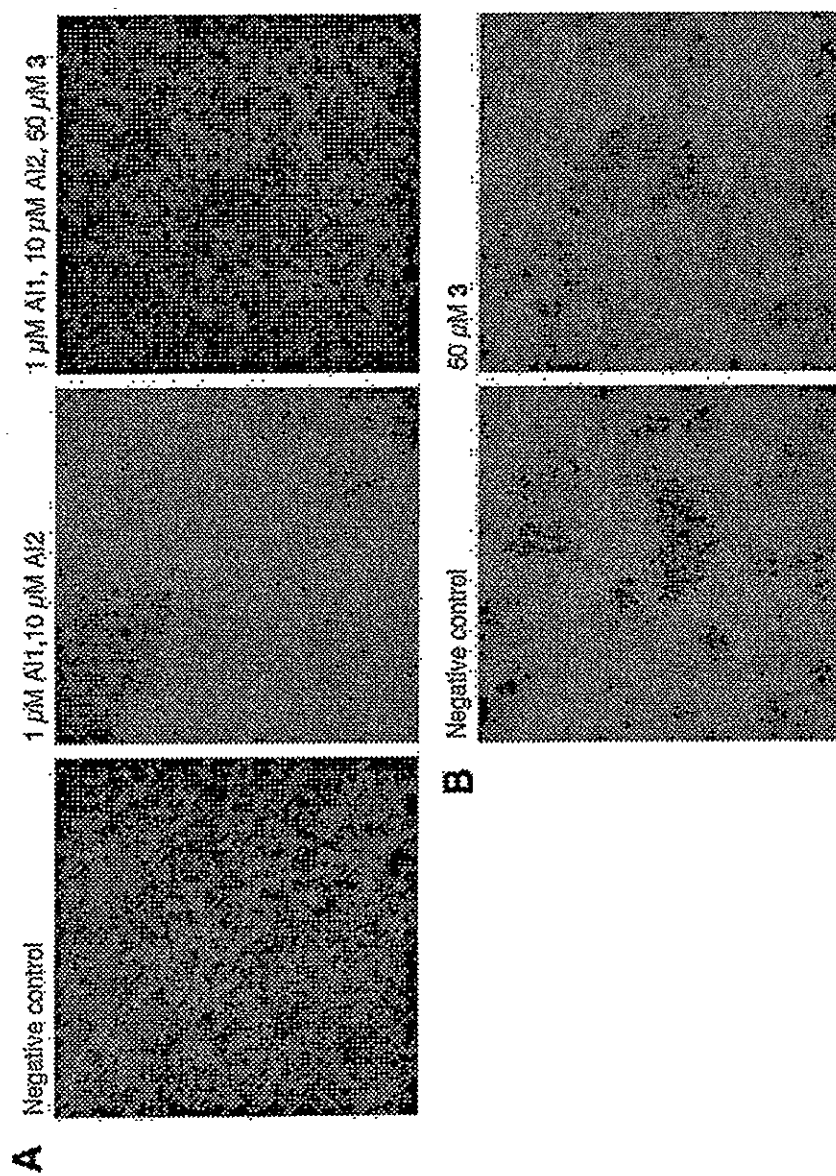


FIGURE 17

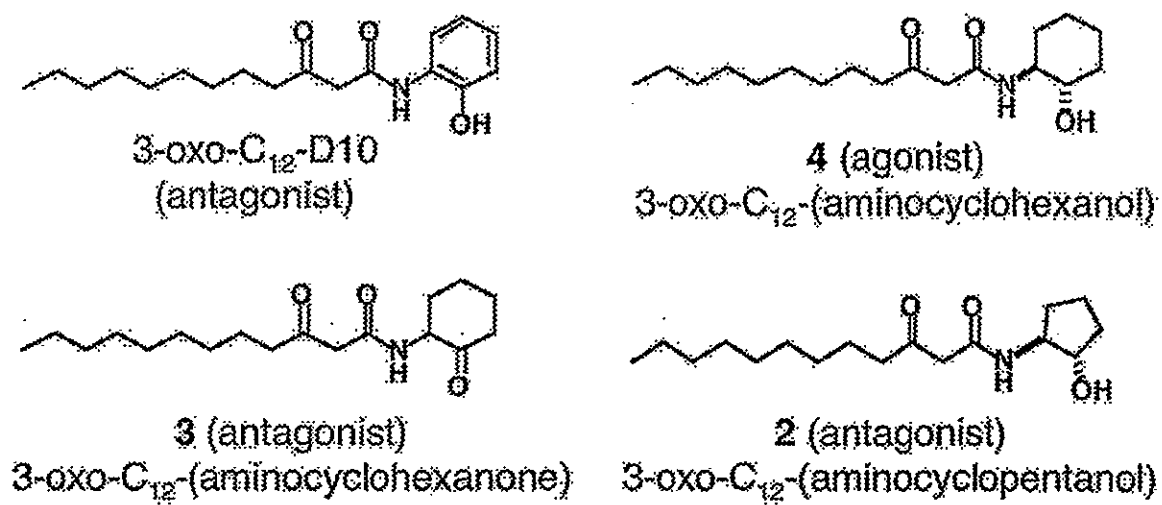


FIGURE 18

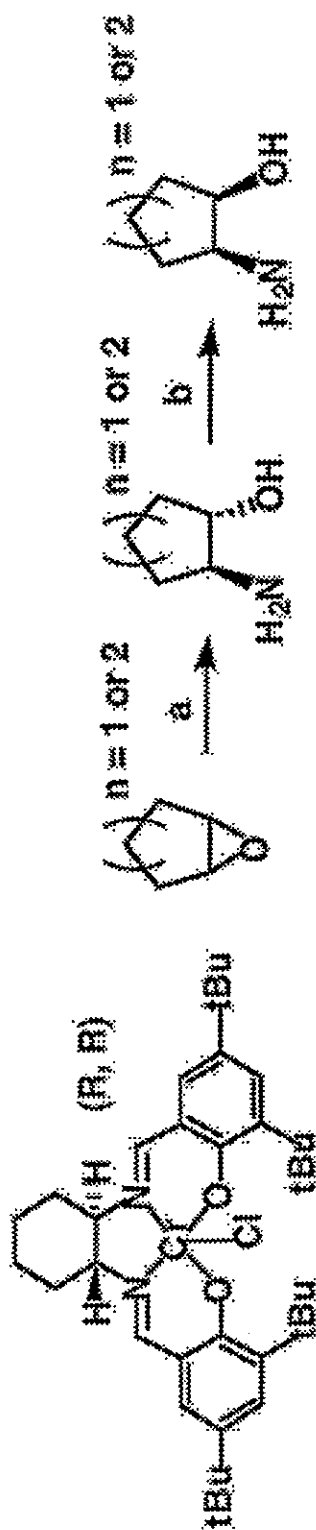


FIGURE 19

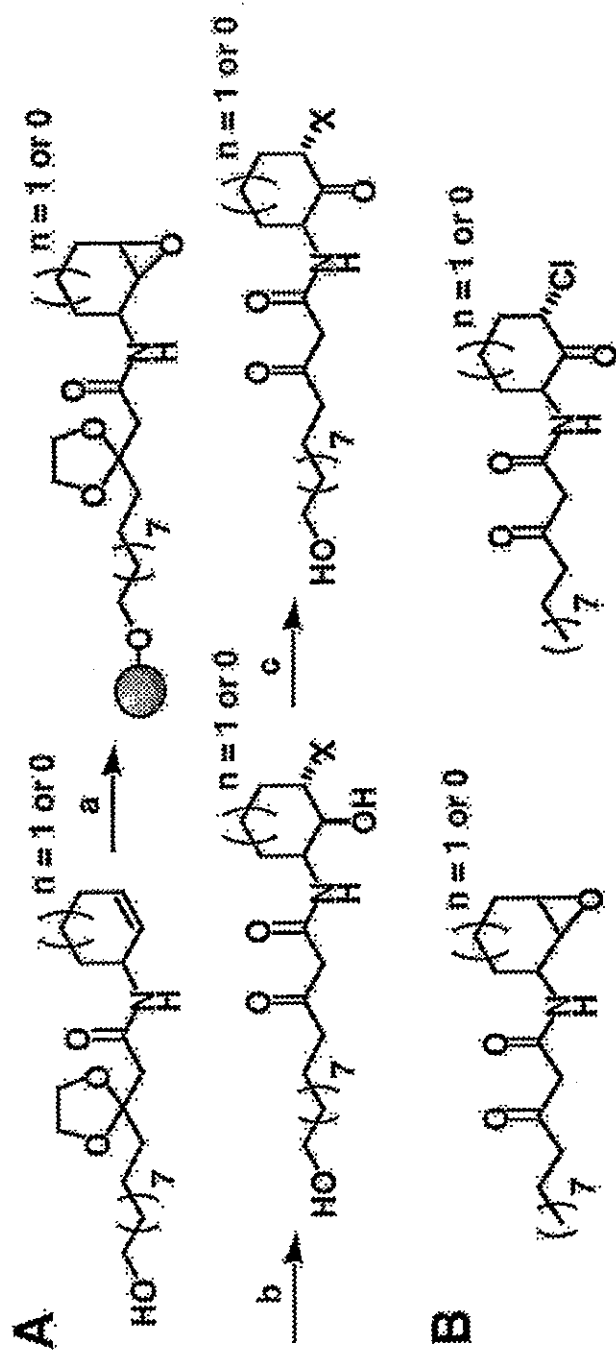


FIGURE 20

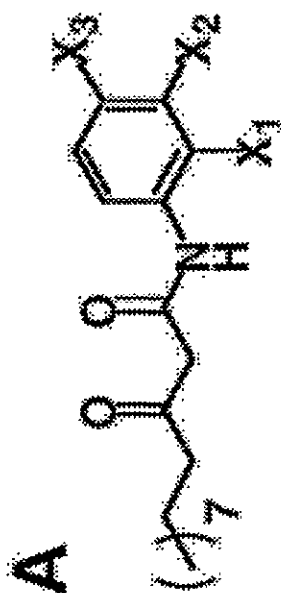
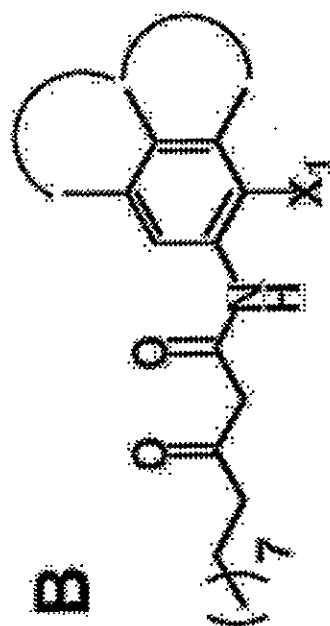


FIGURE 21