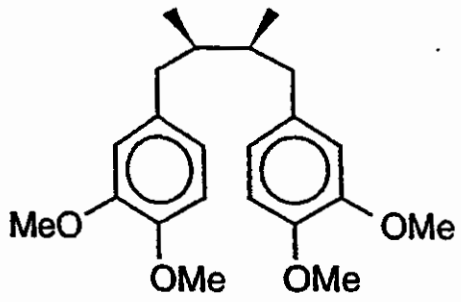
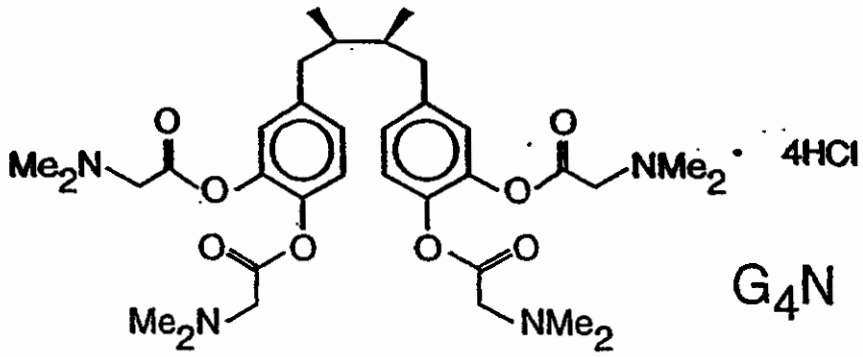
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M_4N

meso-1,4-Bis(3,4-dimethoxyphenyl)-(2*R*,3*S*)-dimethylbutane

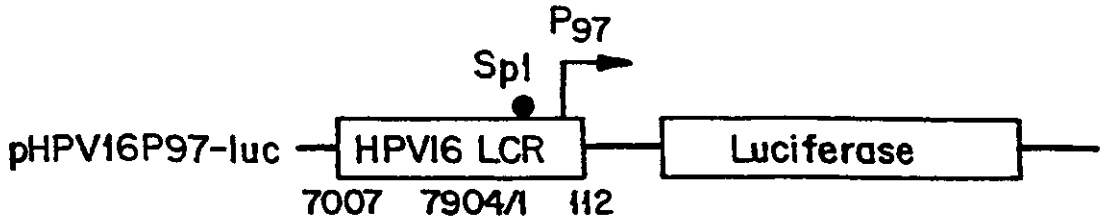


G_4N

meso - 1,4 - Bis [3,4 - (dimethylaminoacetoxy)phenyl]- (2R,3S)-dimethylbutane Hydrochloride Salt

FIG. 1

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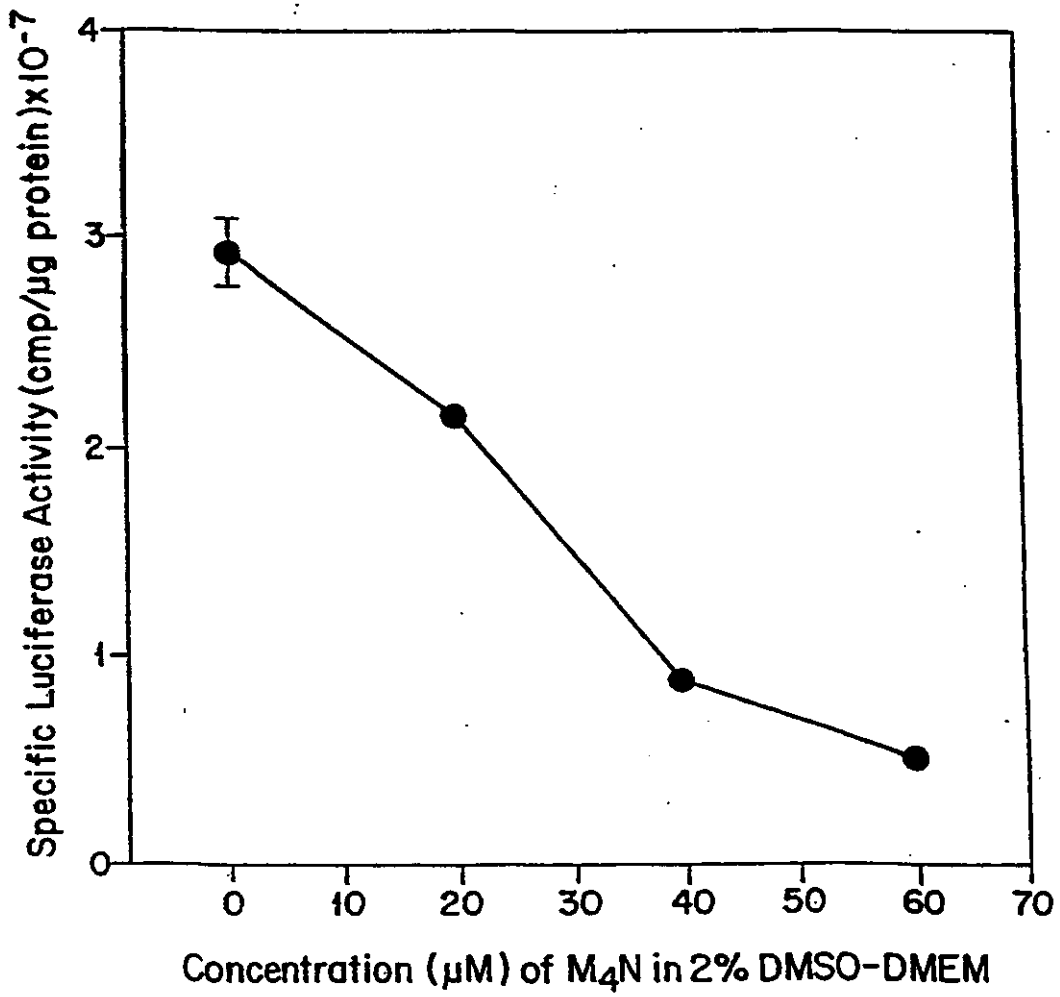


FIG. 2

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FIG. 3A

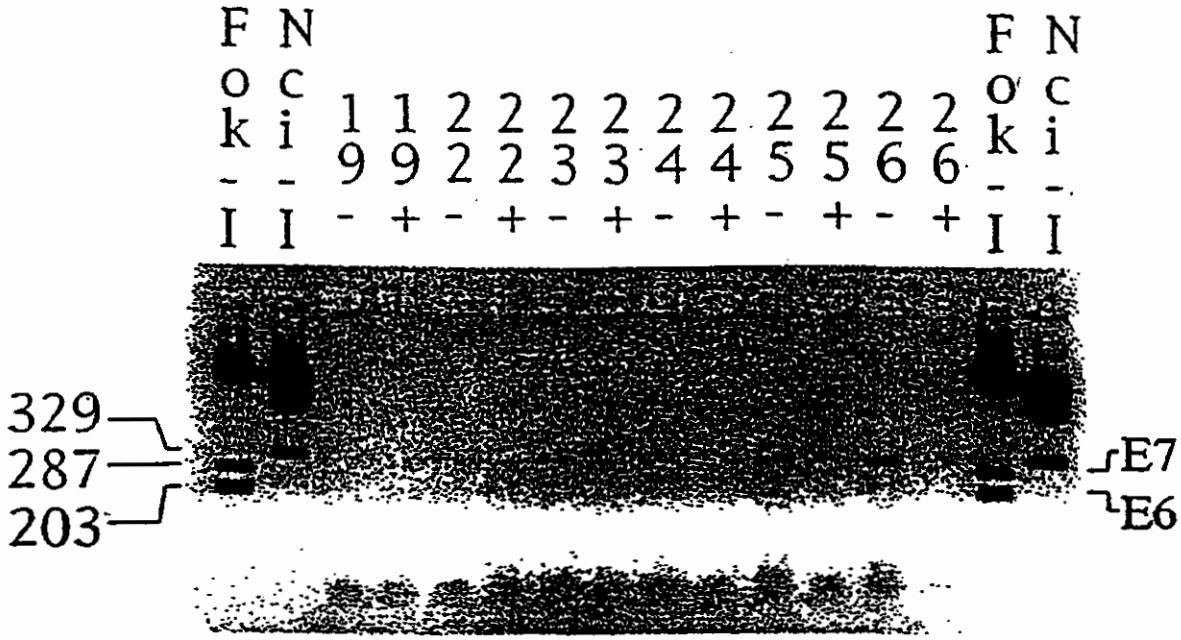
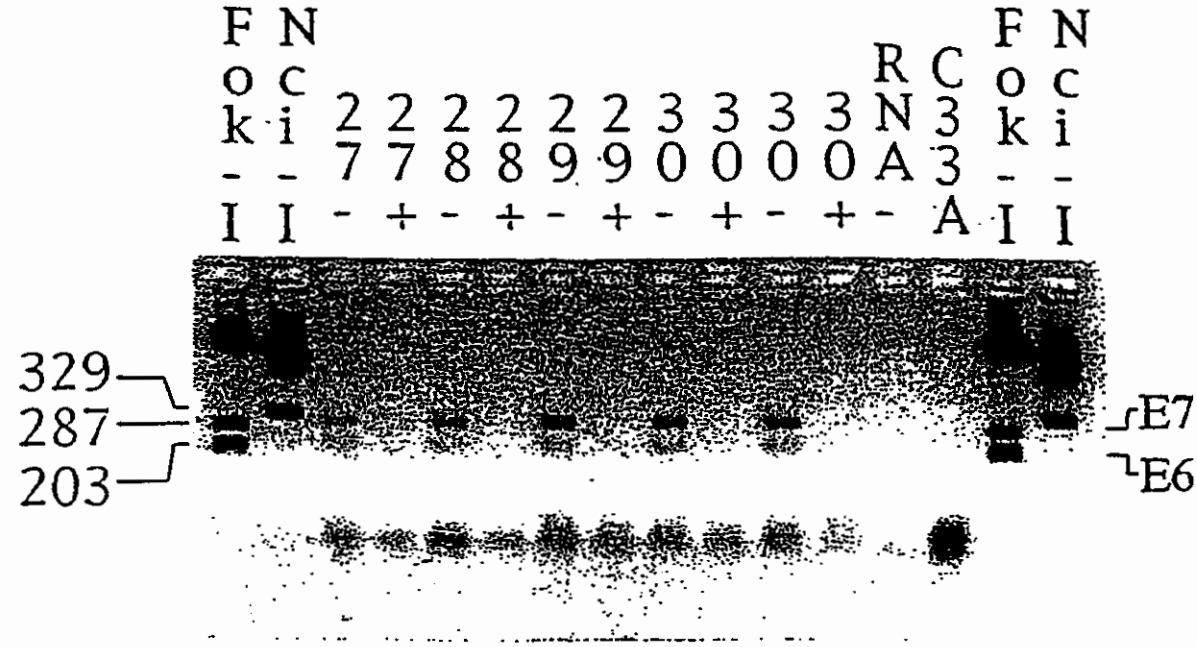
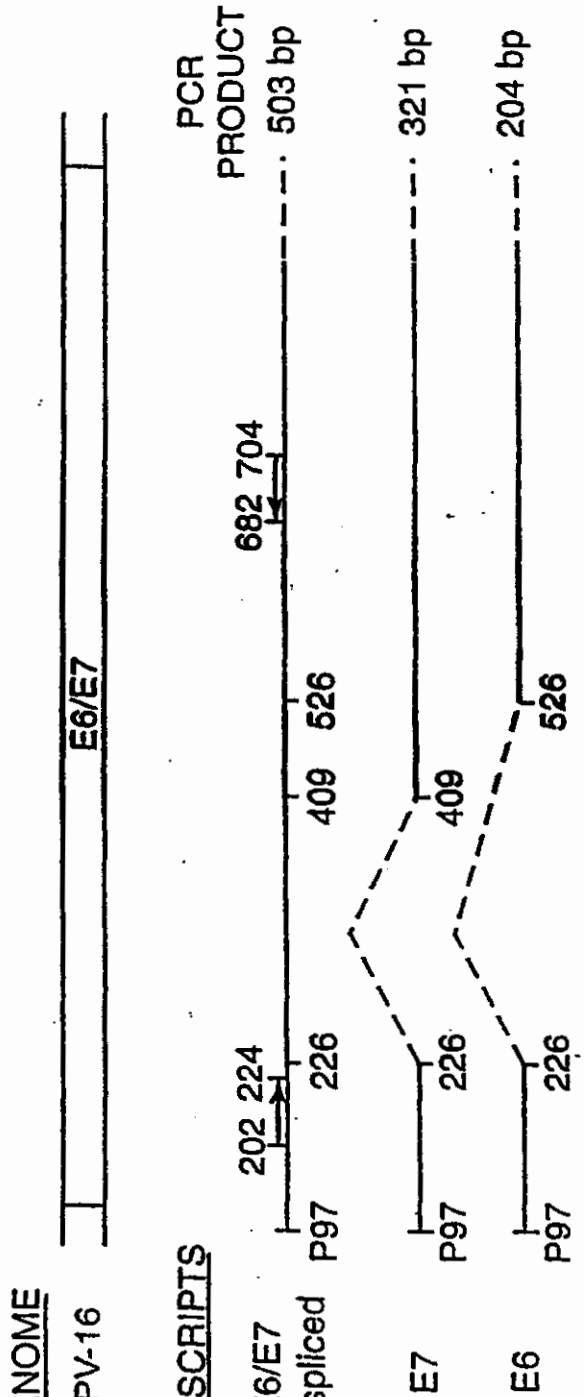


FIG. 3B



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FIG. 3C



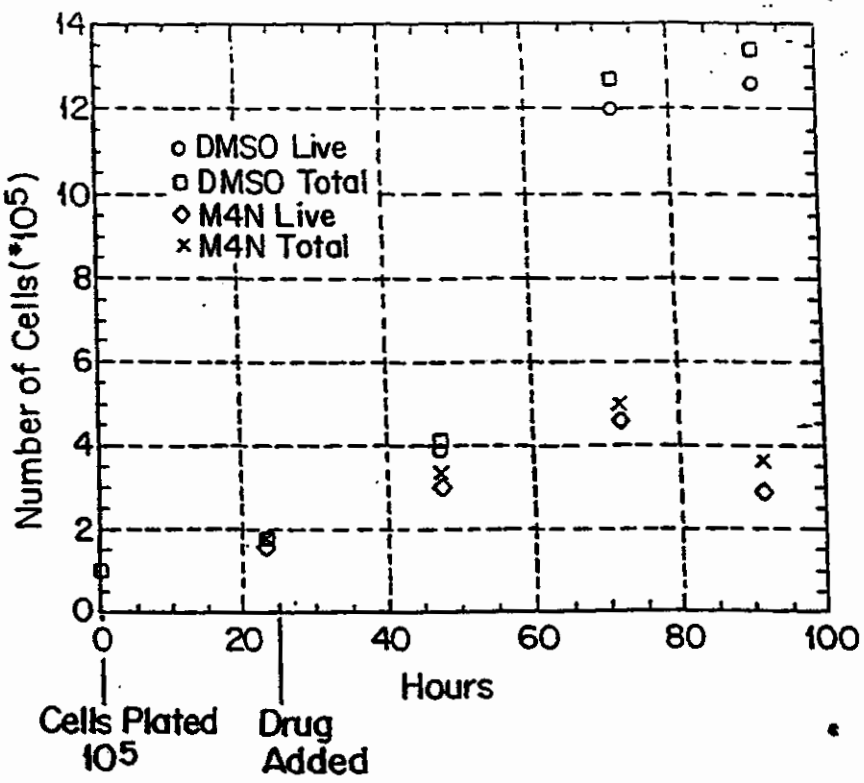

Number of Cells(*10^5)
Hours
o DMSO Live
□ DMSO Total
◇ M4N Live
× M4N Total
Cells Plated 10^5
Drug Added

FIG. 4A

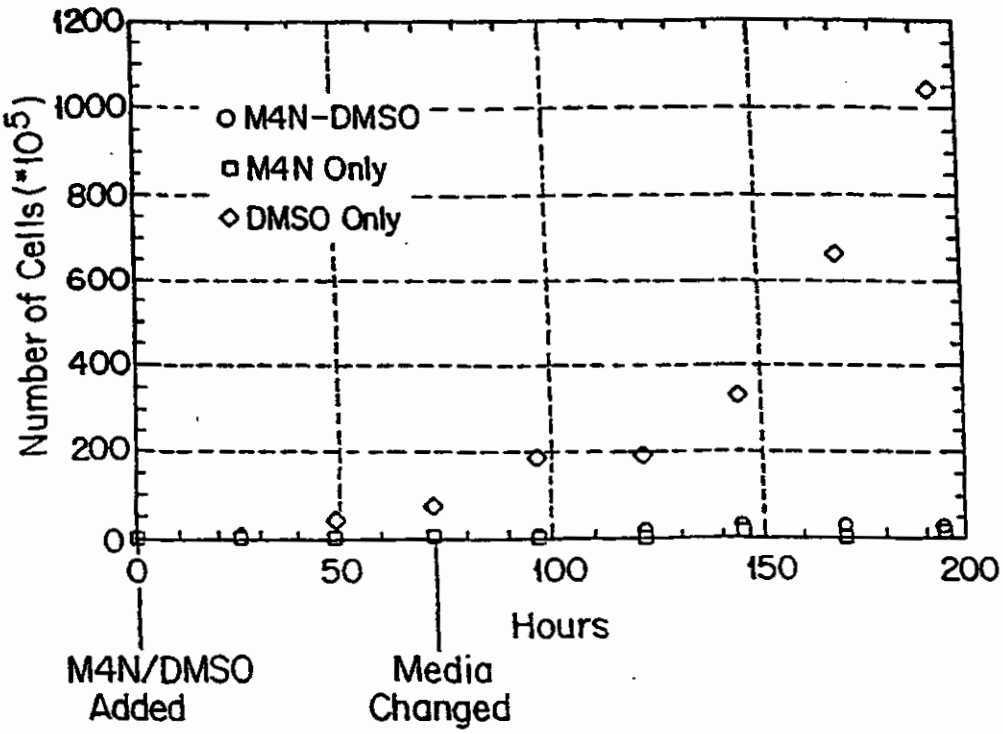

Number of Cells(*10^5)
Hours
o M4N-DMSO
□ M4N Only
◇ DMSO Only
M4N/DMSO Added
Media Changed

FIG. 4B

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FIG. 5A

C3 DMSO

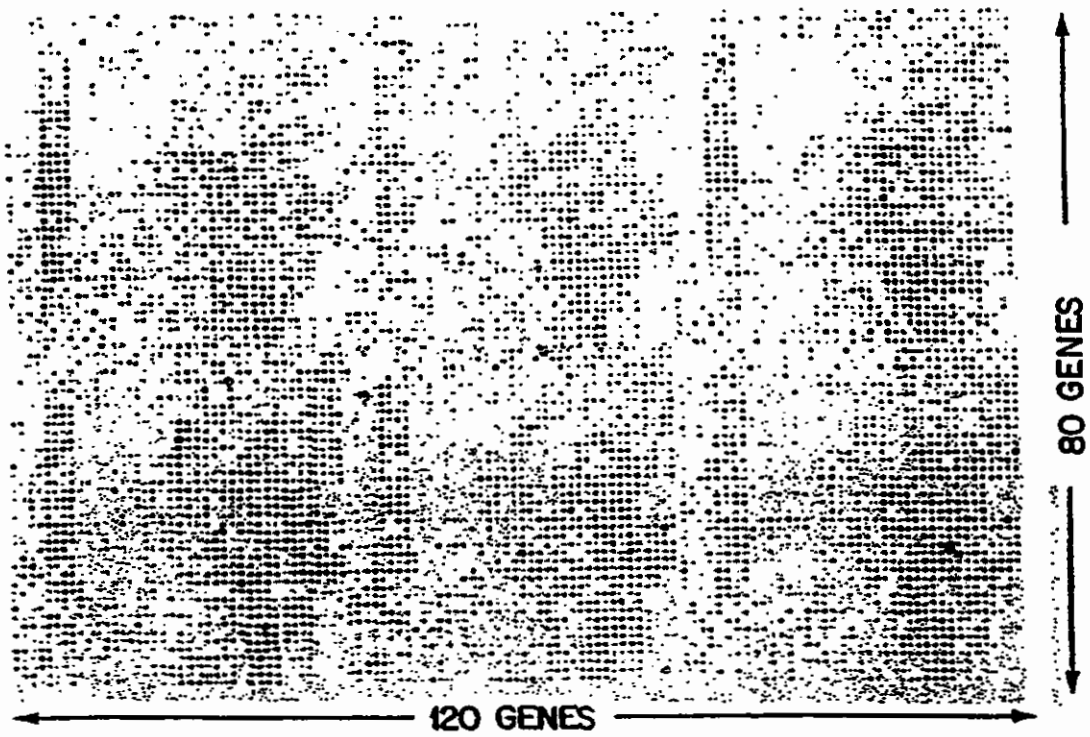
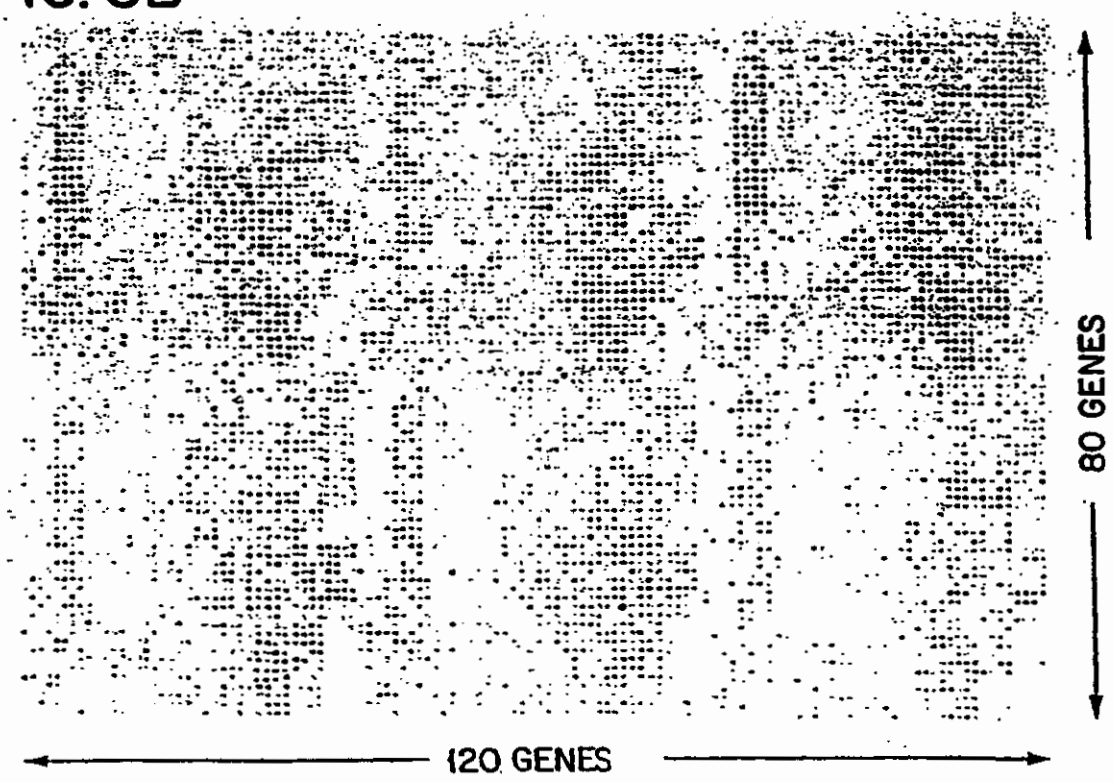


FIG. 5B

C3 M4N



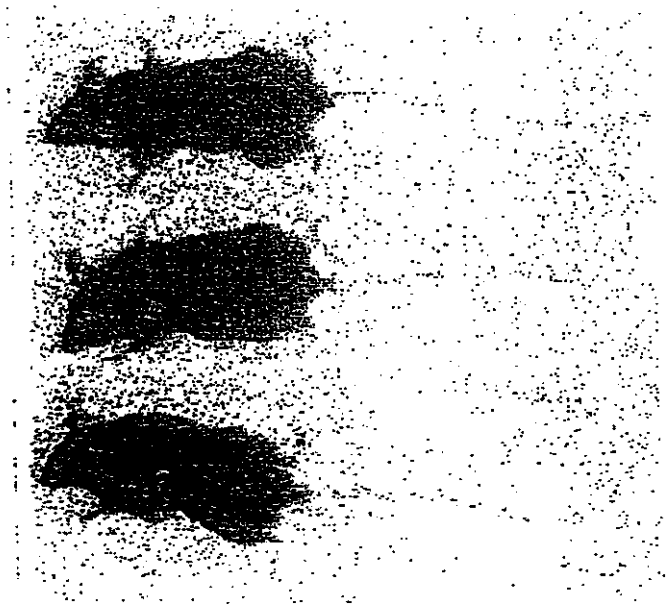


FIG. 6



0 9 DEC 2005

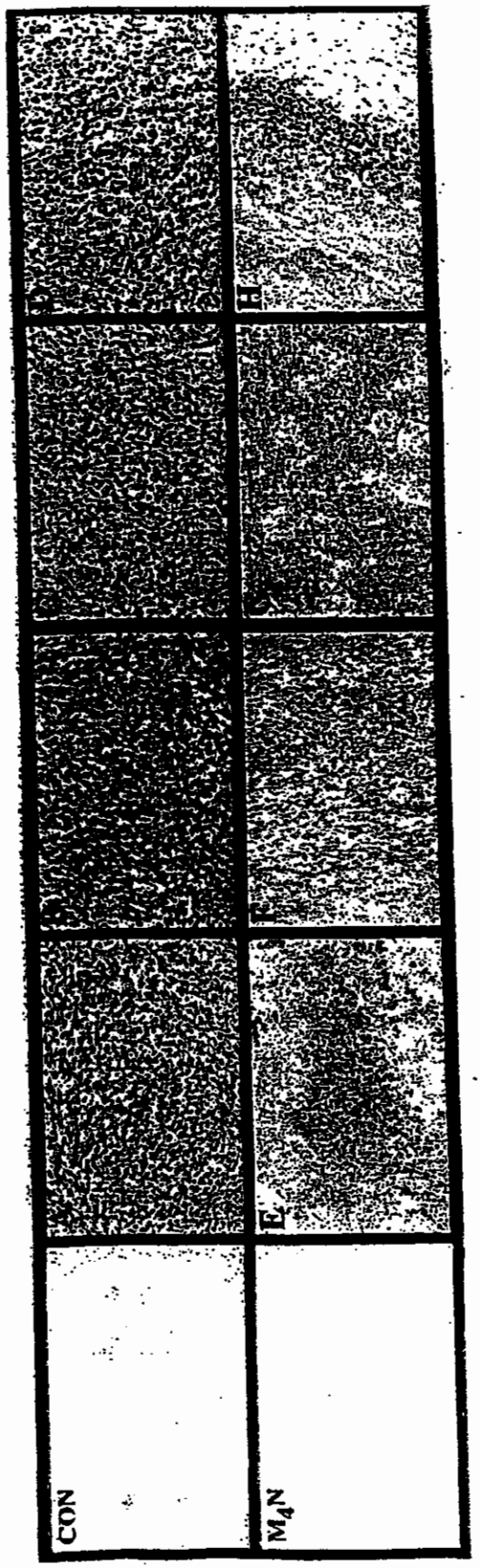


FIG. 7

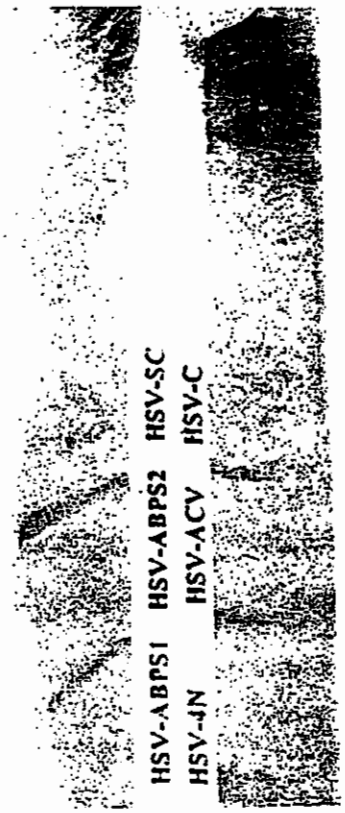


FIG. 8

FIG. 9A

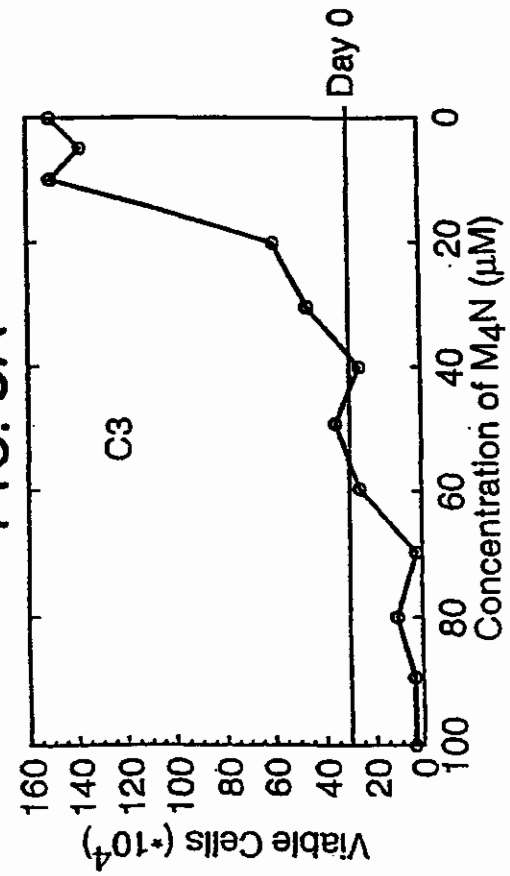


FIG. 9B

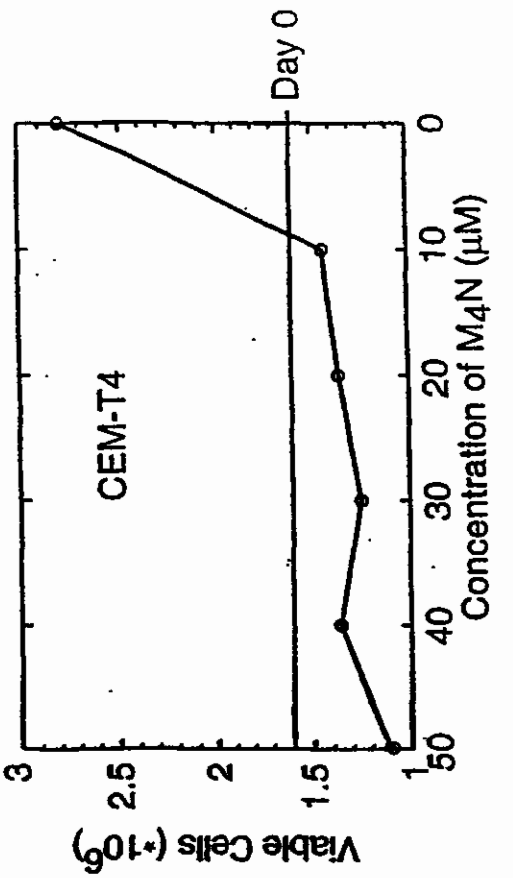


FIG. 9C

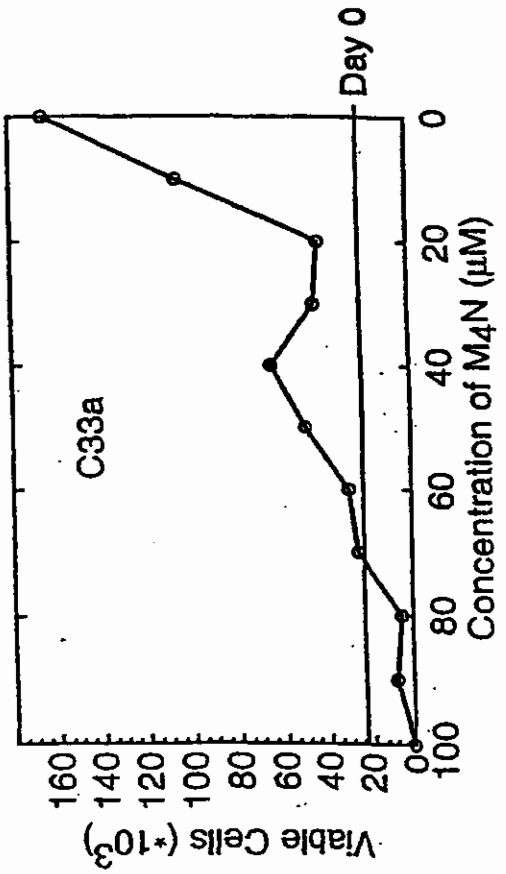


FIG. 9D

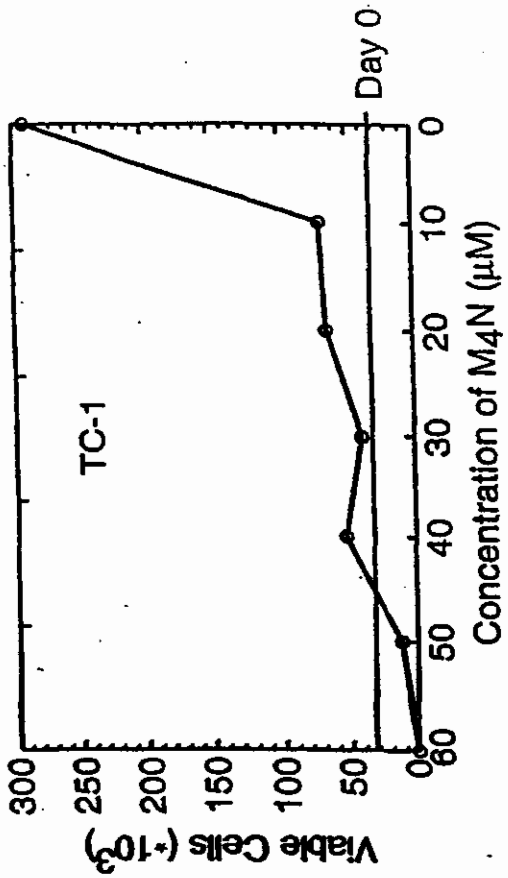
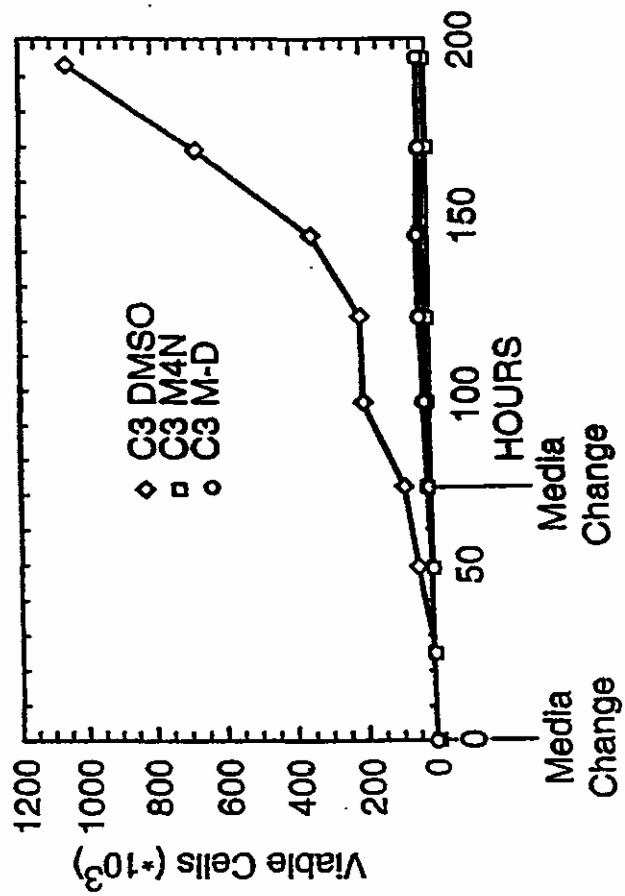


FIG. 9E


Viable Cells (*10^3)
1200
1000
800
600
400
200
0
0
50
100
150
200
HOURS
Media Change
Media Change
C3 DMSO
C3 M4N
C3 M-D

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FIG. 10A

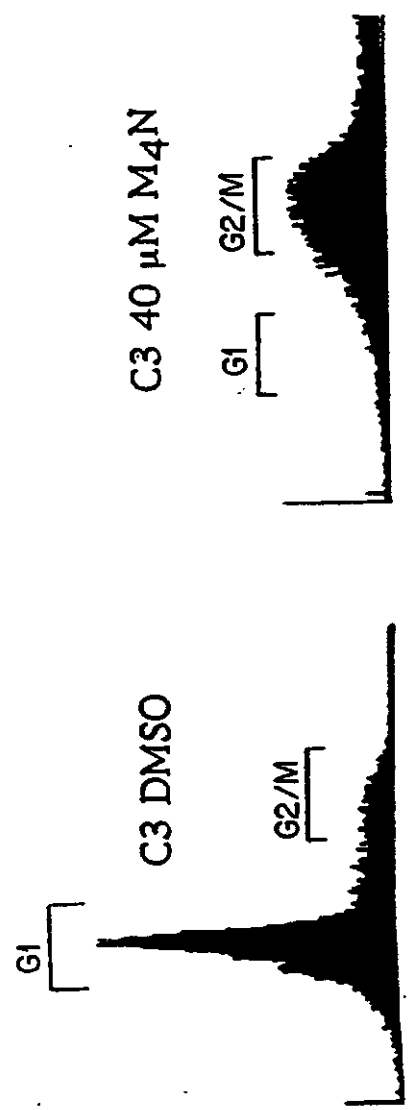
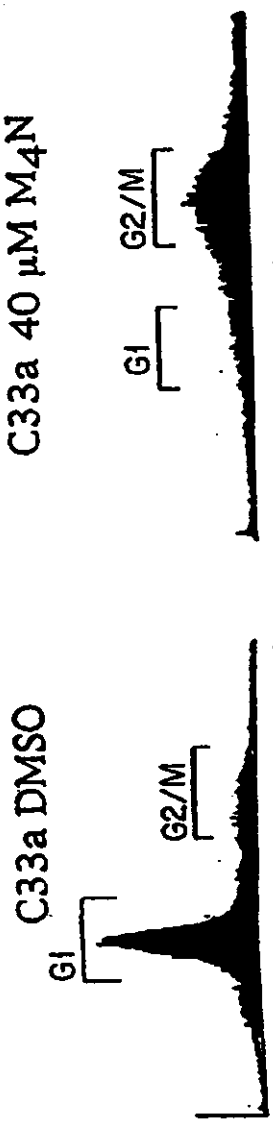


FIG. 10B



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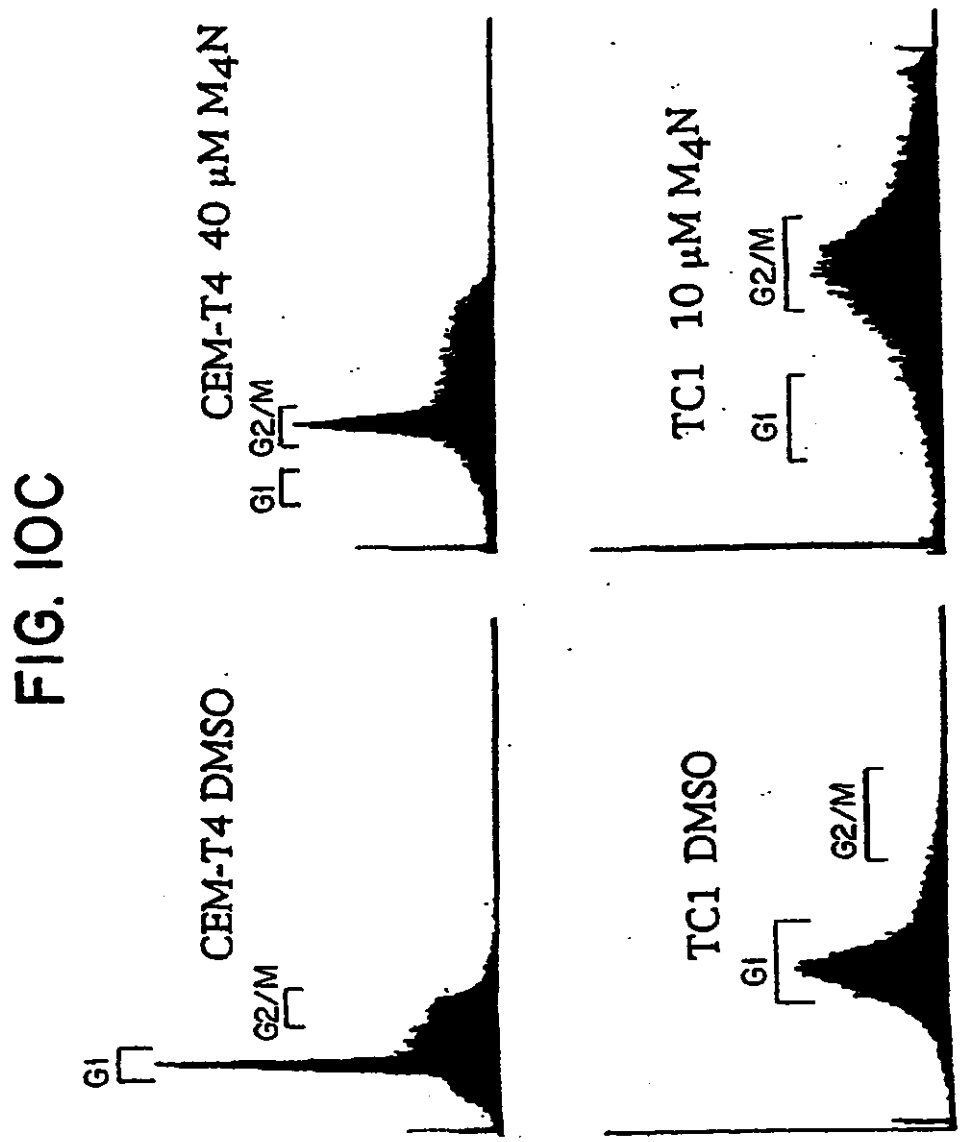


FIG. 10C

FIG. 10D

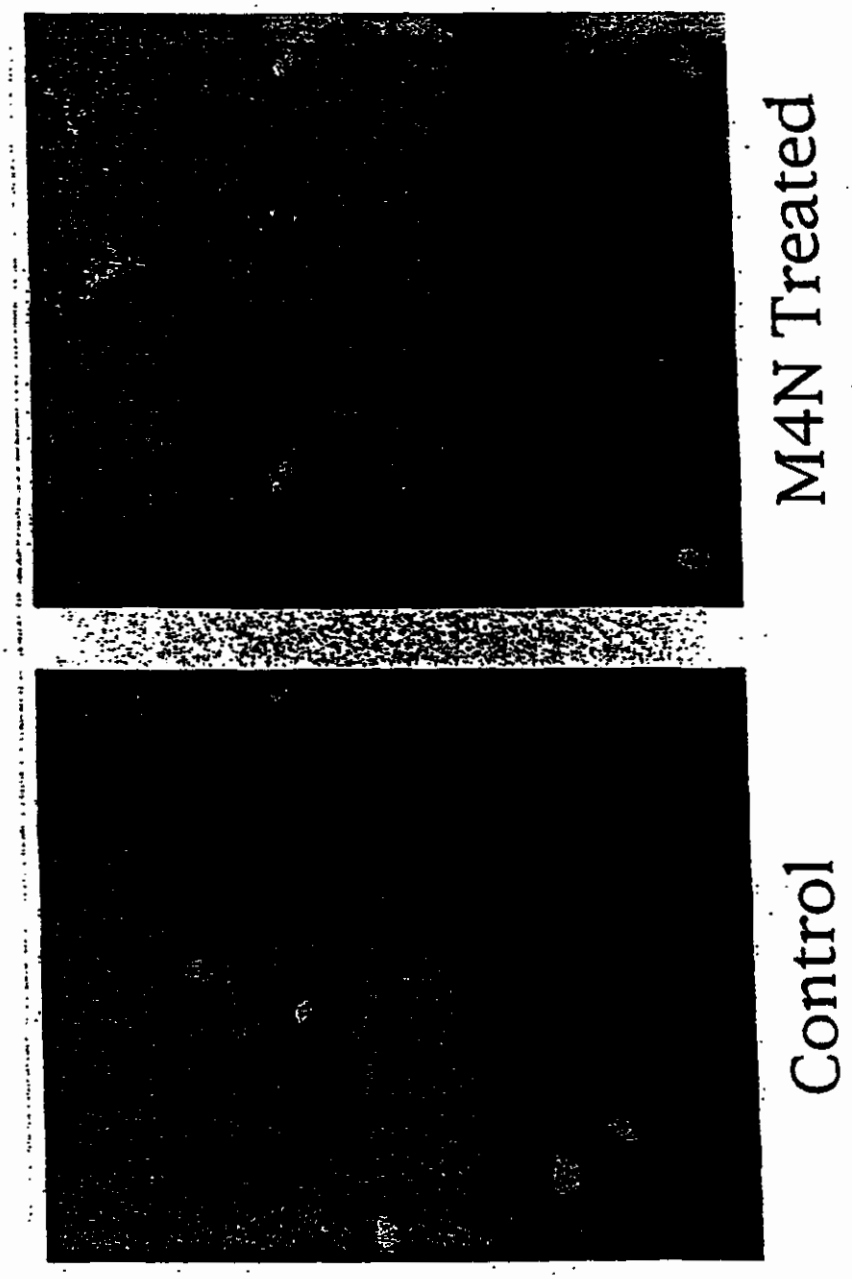


FIG. 11A

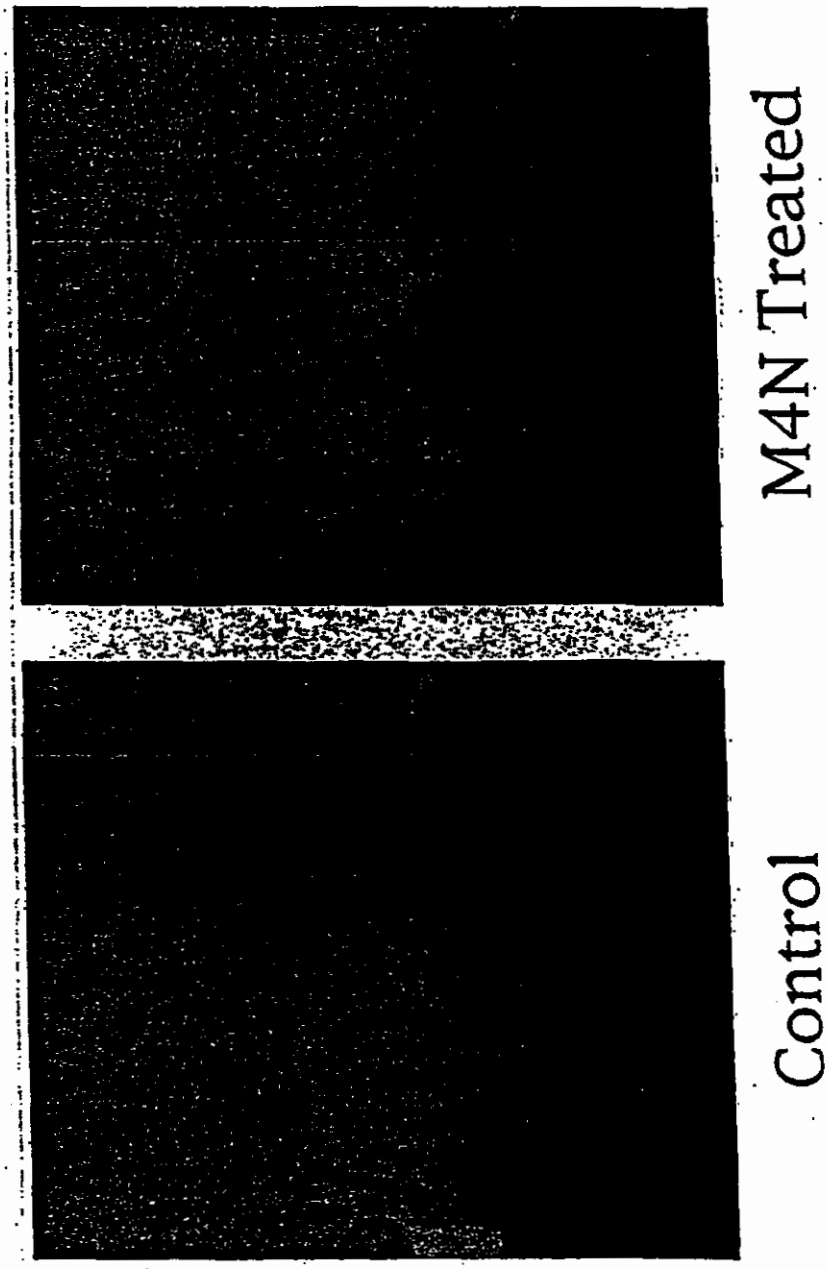


FIG. 11B

FIG. 12A

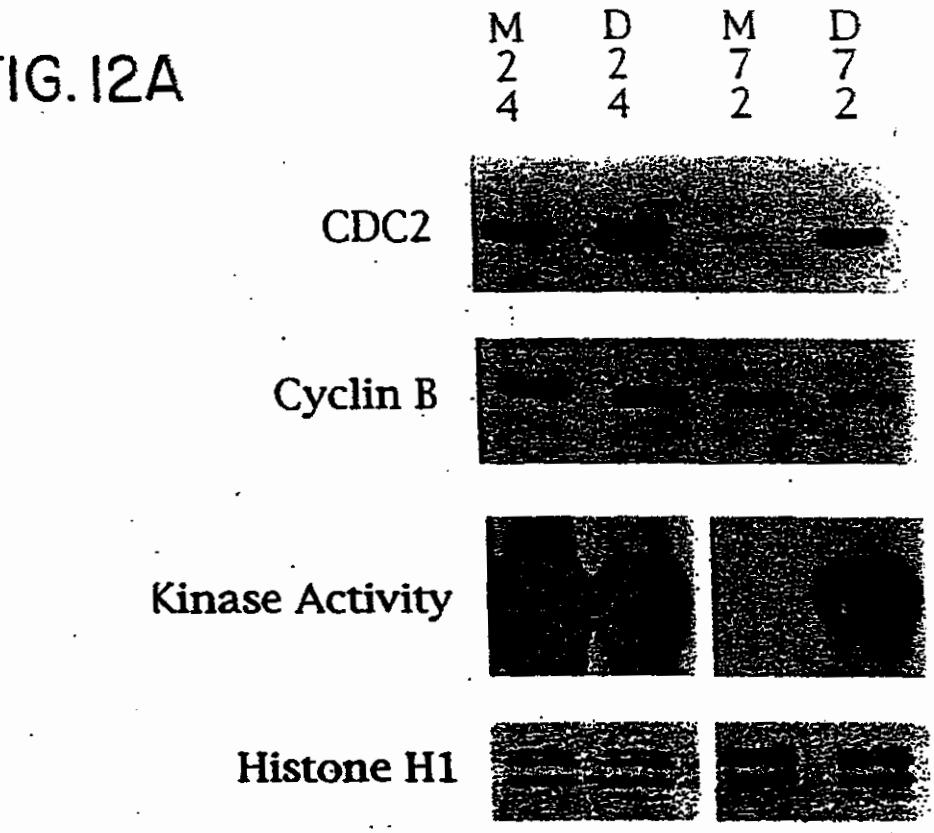


FIG. 12B

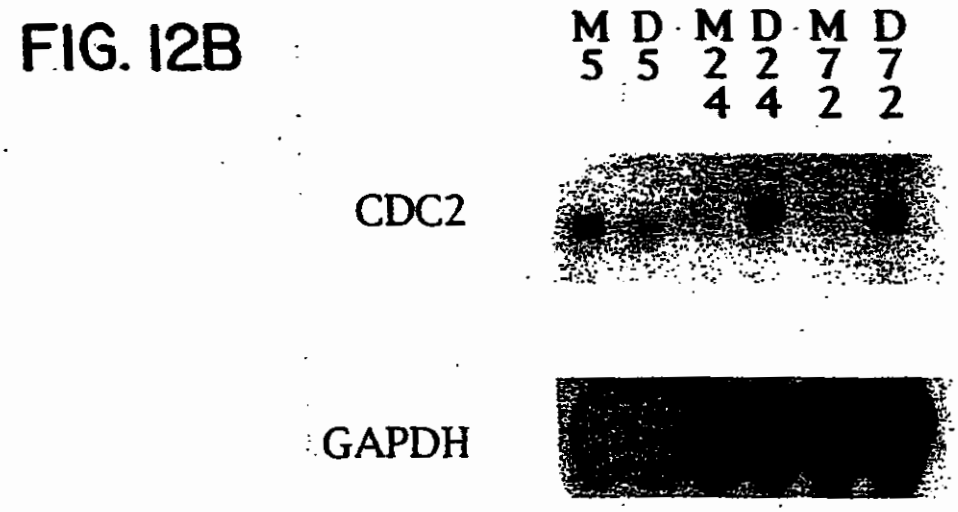
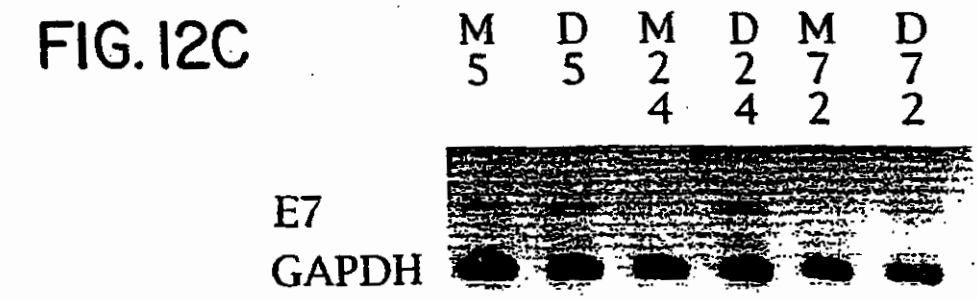


FIG. 12C



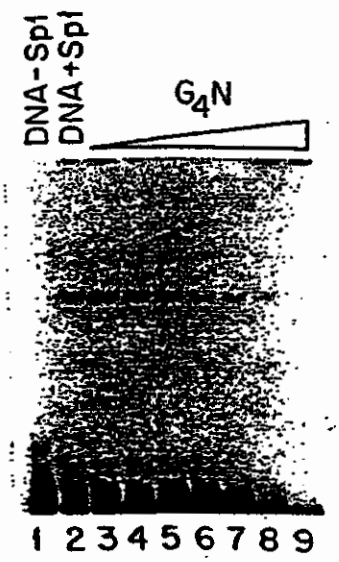


FIG. 13A

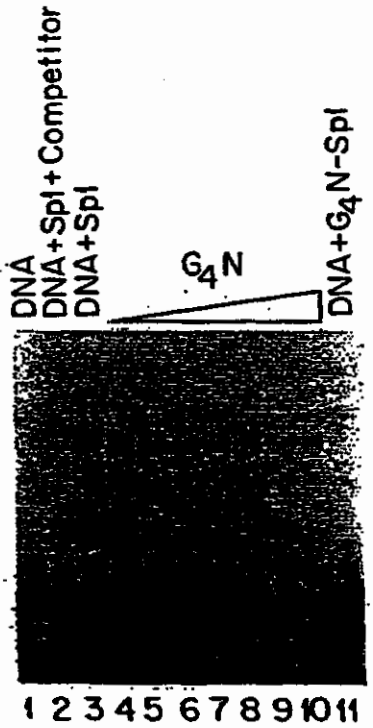


FIG. 13B

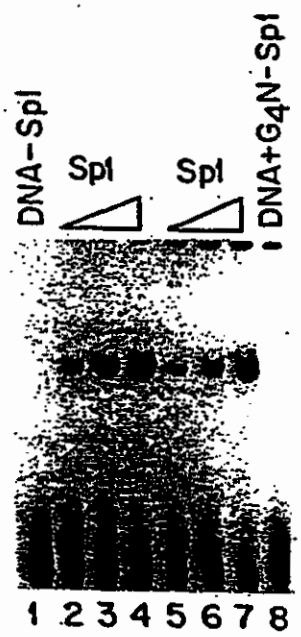


FIG. 13C

FIG. 13D

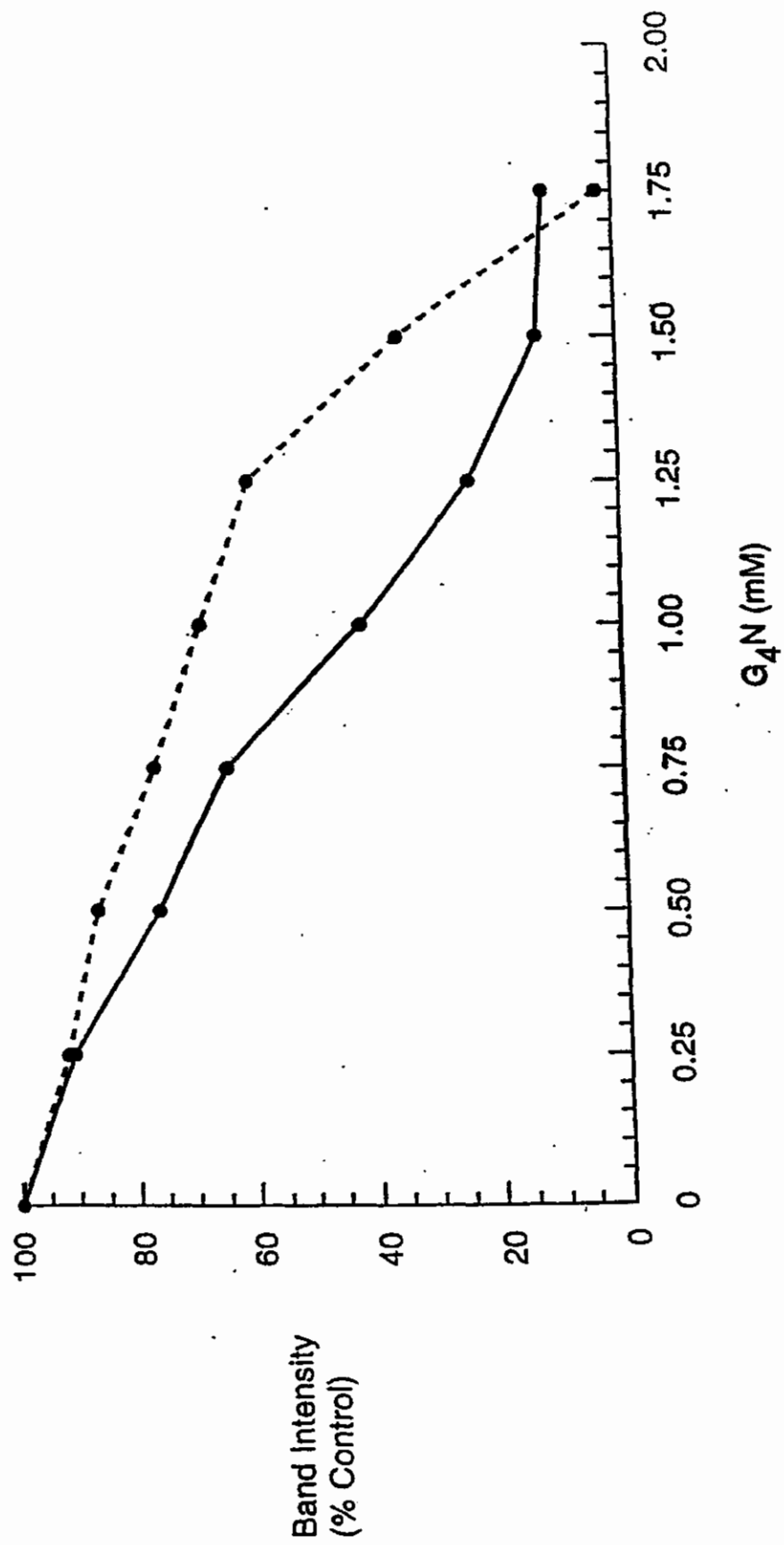

Band Intensity
(% Control)
100
80
60
40
20
0
0
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
G_4N (mM)

FIG. 14

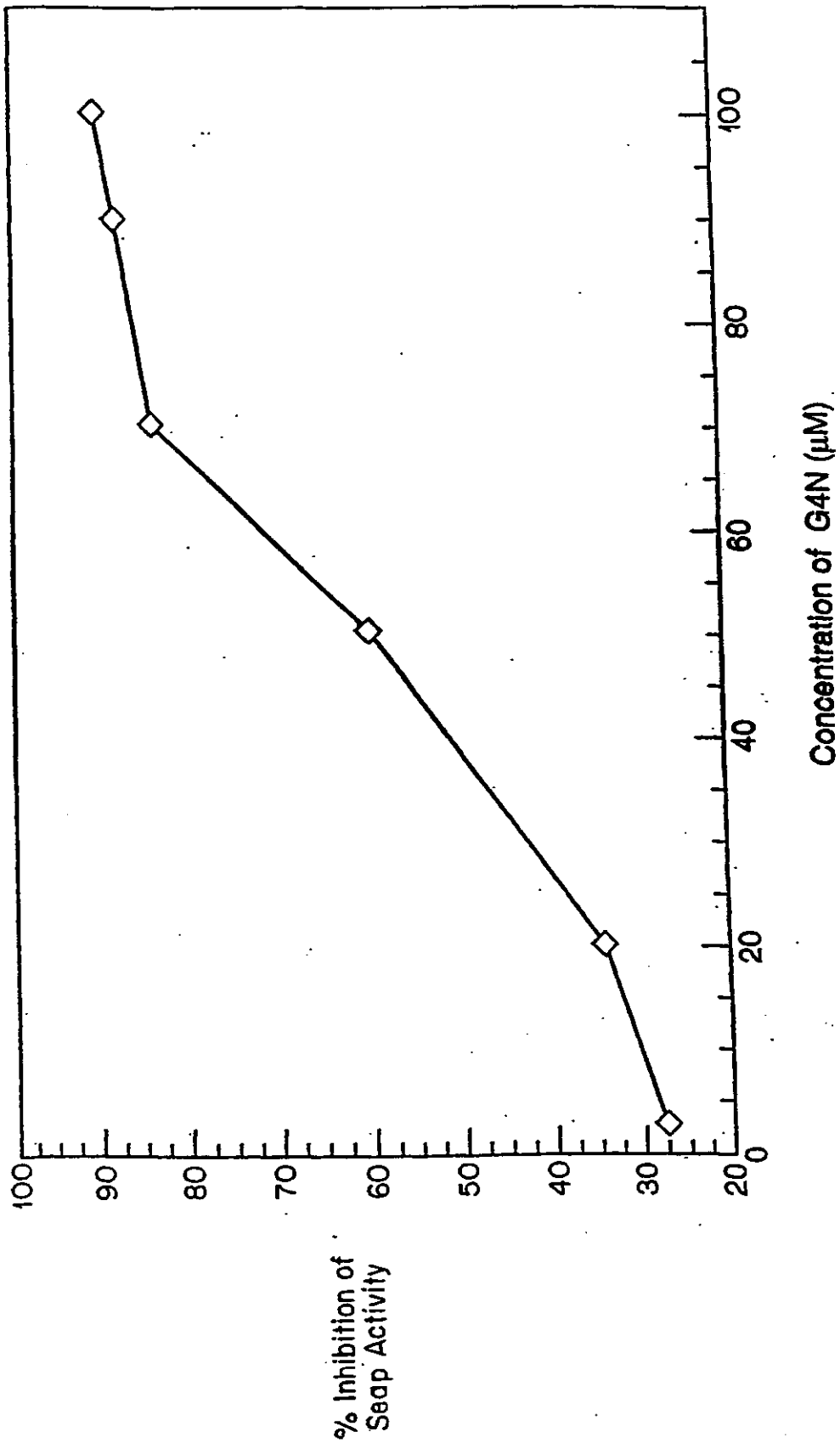

% Inhibition of Seap Activity
100
90
80
70
60
50
40
30
20
0
20
40
60
80
100
Concentration of G4N (μM)

FIG. 15

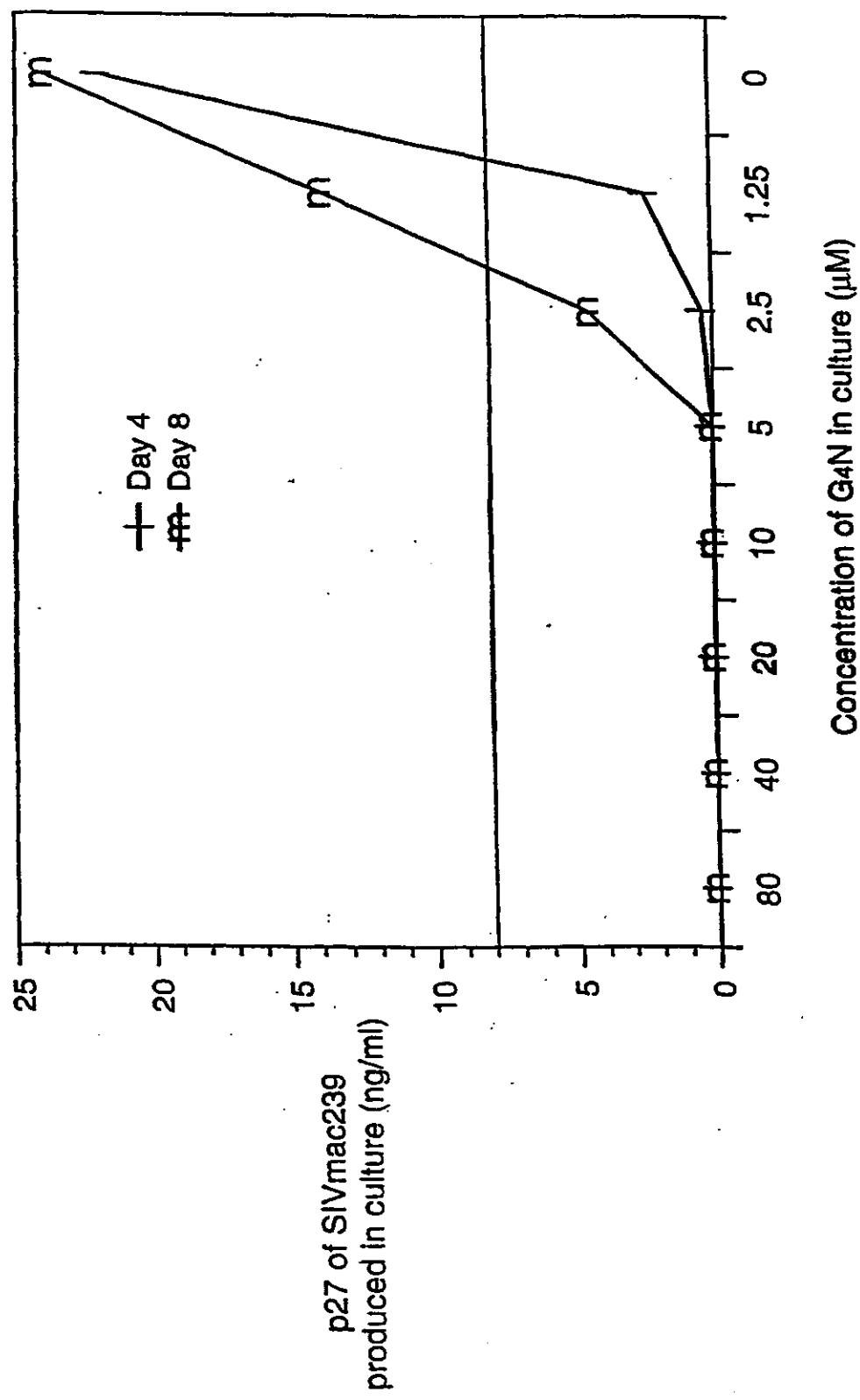
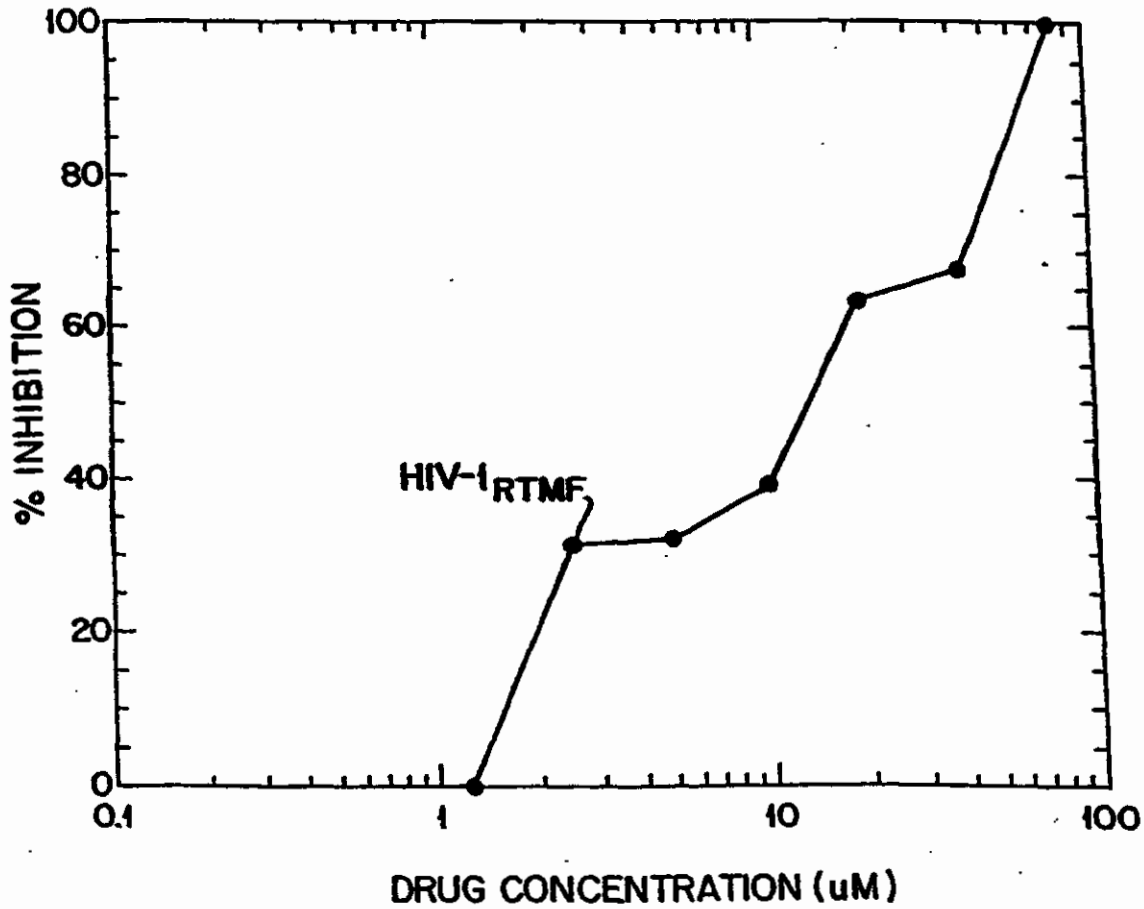

Day 4
Day 8
p27 of SIVmac239 produced in culture (ng/ml)
25
20
15
10
5
0
0
1.25
2.5
5
10
20
40
80
Concentration of G4N in culture (μM)

FIG. 16


100
80
60
40
20
0
% INHIBITION
HIV-1RTMF
0.1
1
10
100
DRUG CONCENTRATION (uM)

a

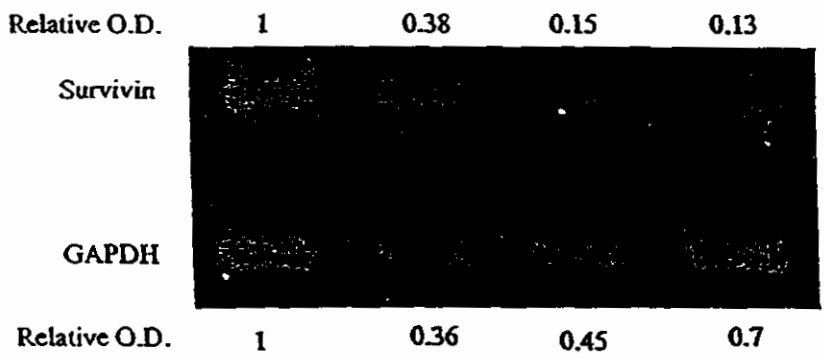


FIG. 17A

b

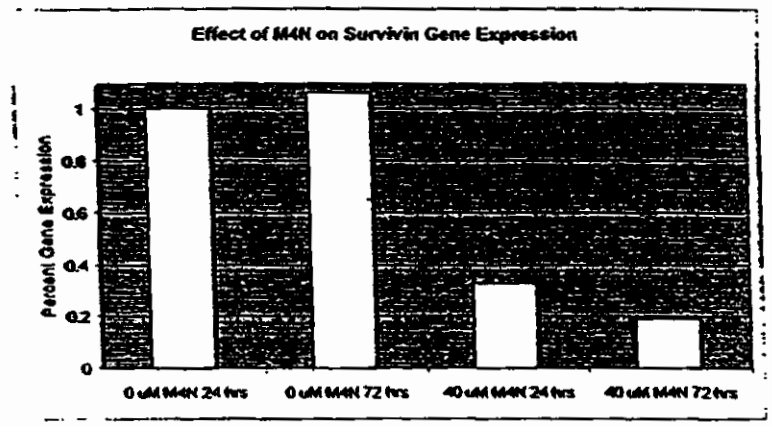
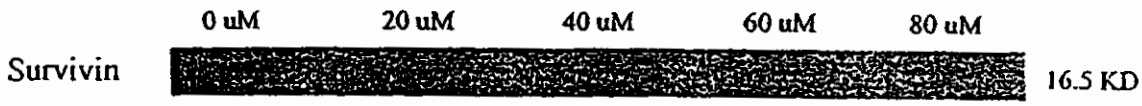


FIG. 17B

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FIG. 18A

a



b

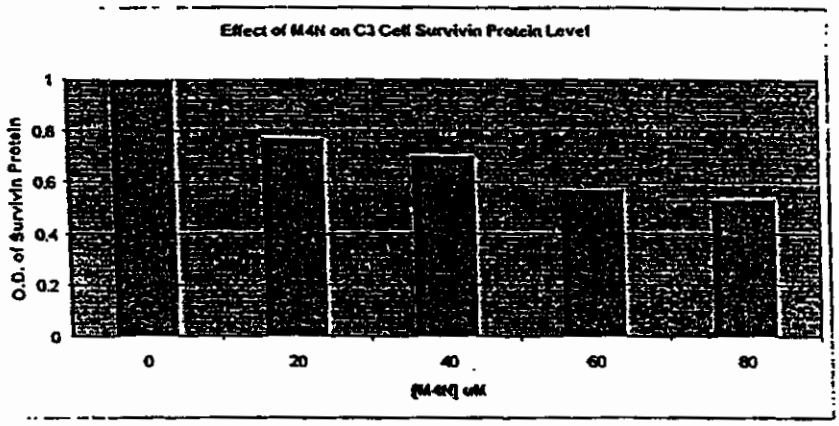


FIG. 18B

FIG. 19A

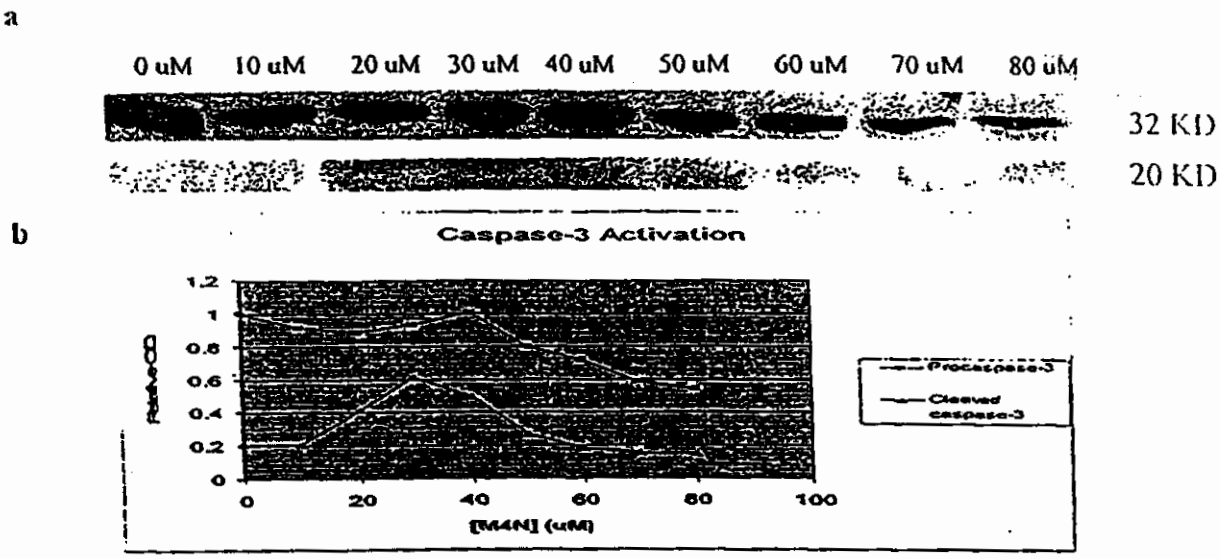


FIG. 19B