FIG 1A

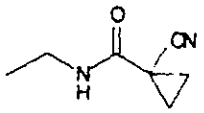
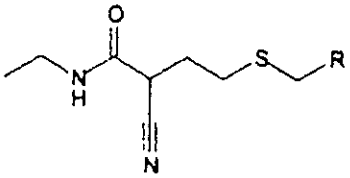
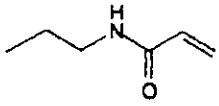
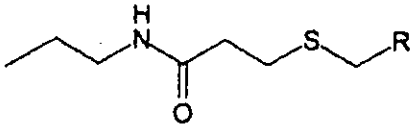
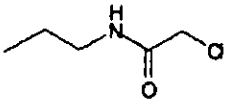
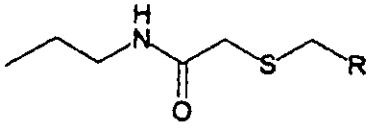
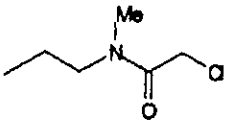
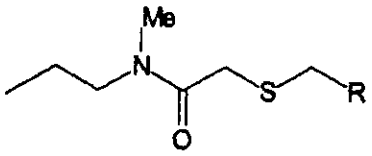
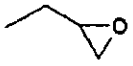
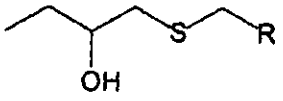
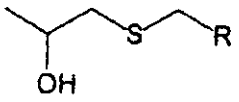
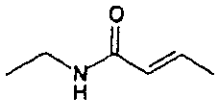
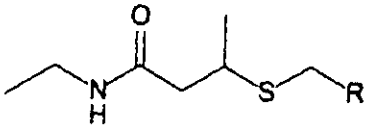
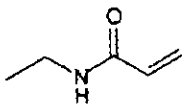
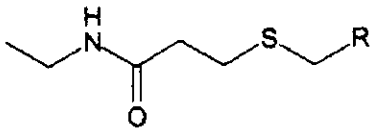
WARHEAD	Thiol Adducts
	
Chemistry 1	Chemistry 1
	
Chemistry 2	Chemistry 2
	
Chemistry 3	Chemistry 3
	
Chemistry 4	Chemistry 4
	
Chemistry 5	Chemistry 5
	
Chemistry 6	Chemistry 6
	
Chemistry 7	Chemistry 7

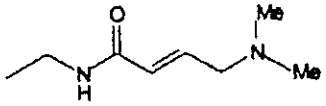
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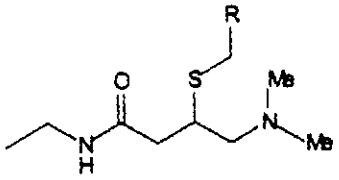
Chemistry 8



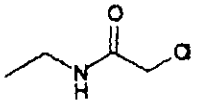
Chemistry 2



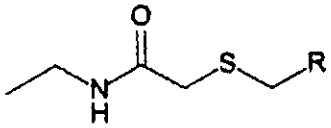
Chemistry 9



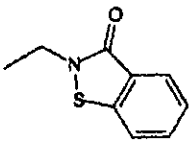
Chemistry 9



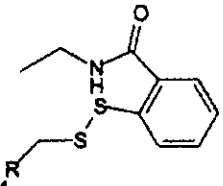
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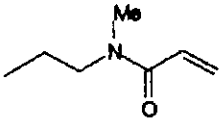
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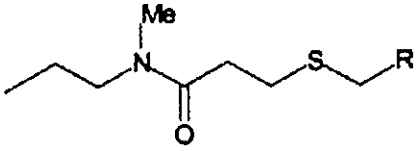
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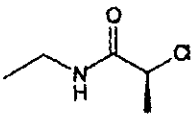
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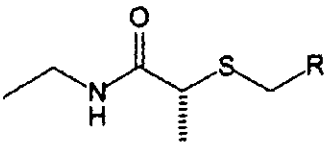
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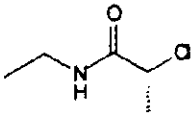
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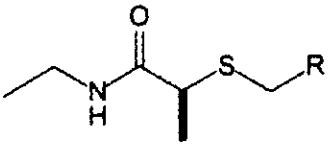
Chemistry 13



Chemistry 13

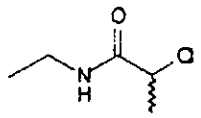


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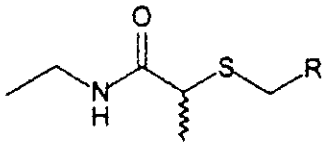


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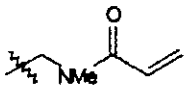
FIG 1C



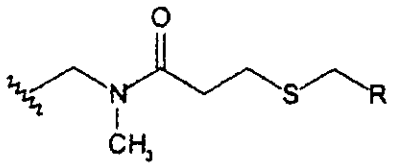
Chemistry 15



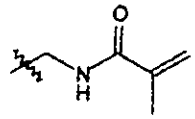
Chemistry 15



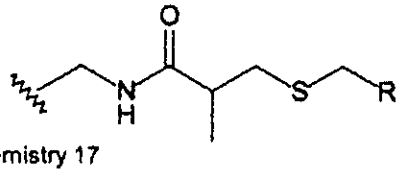
Chemistry 16



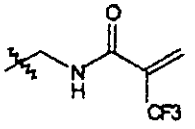
Chemistry 16



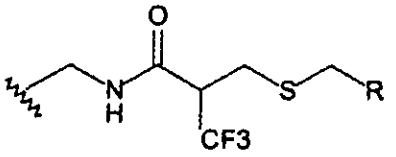
Chemistry 17



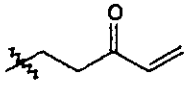
Chemistry 17



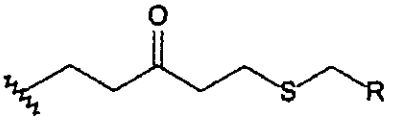
Chemistry 18



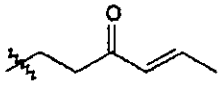
Chemistry 18



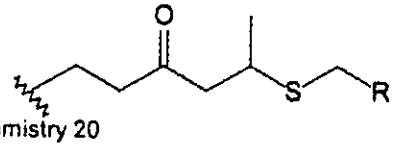
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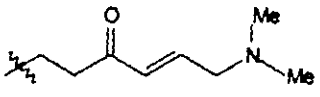
Chemistry 19



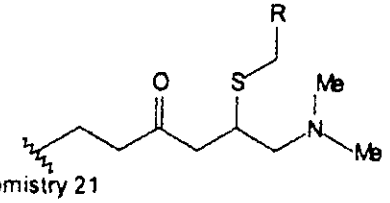
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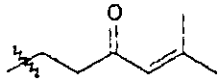
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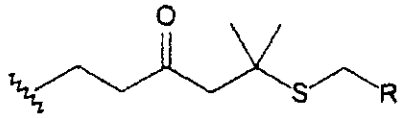
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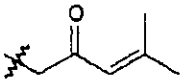
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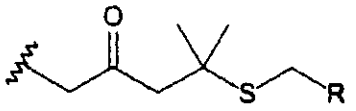
Chemistry 22



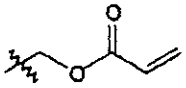
Chemistry 22



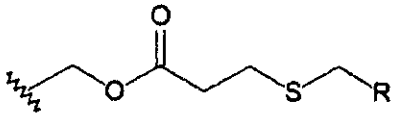
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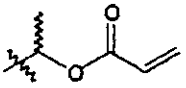
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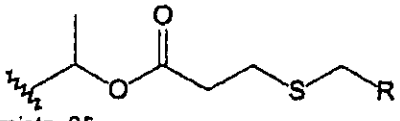
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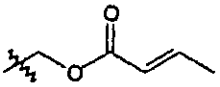
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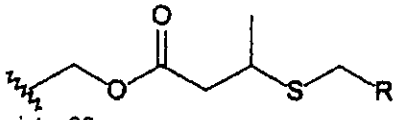
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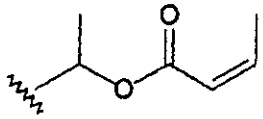
Chemistry 25



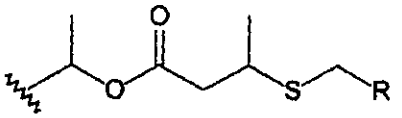
Chemistry 26



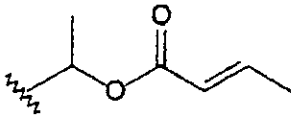
Chemistry 26



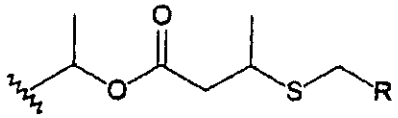
Chemistry 27



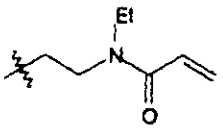
Chemistry 28



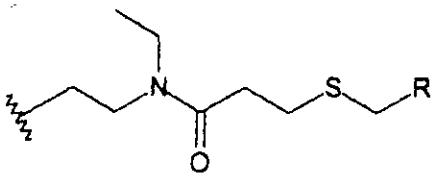
Chemistry 28



Chemistry 28

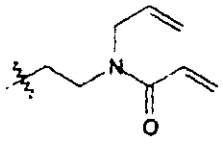


Chemistry 29

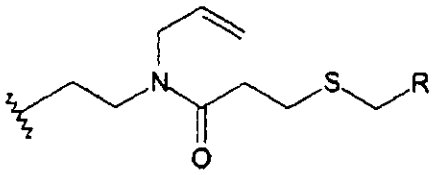


Chemistry 29

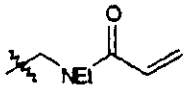
FIG 1E



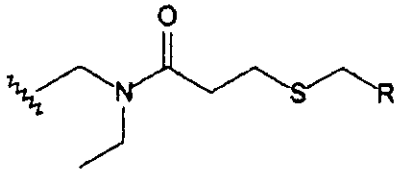
Chemistry 30



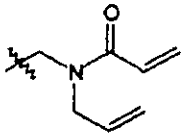
Chemistry 30



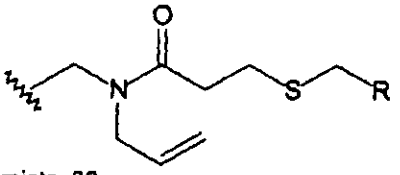
Chemistry 31



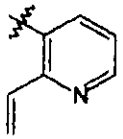
Chemistry 31



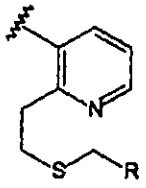
Chemistry 32



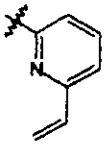
Chemistry 32



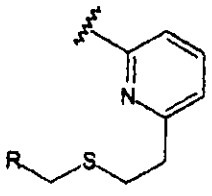
Chemistry 33



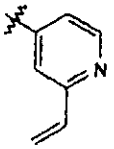
Chemistry 33



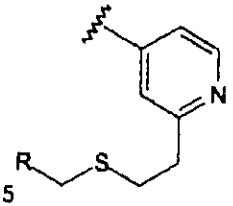
Chemistry 34



Chemistry 34

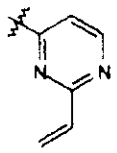


Chemistry 35

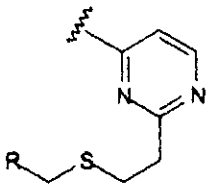


Chemistry 35

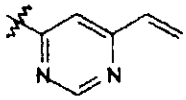
FIG 1F



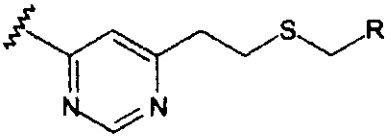
Chemistry 36



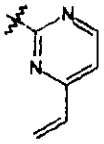
Chemistry 36



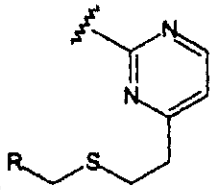
Chemistry 37



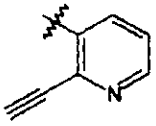
Chemistry 37



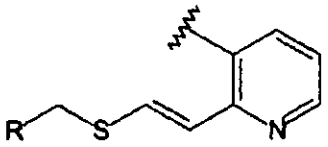
Chemistry 38



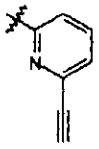
Chemistry 38



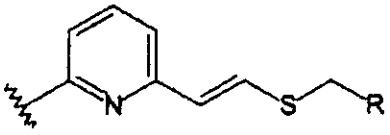
Chemistry 39



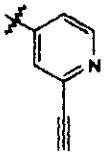
Chemistry 39



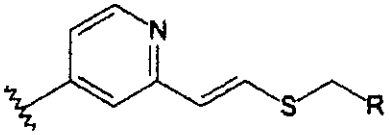
Chemistry 40



Chemistry 40

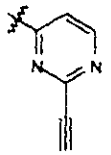


Chemistry 41

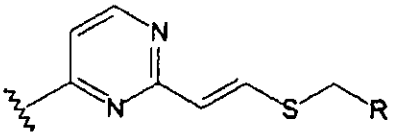


Chemistry 41

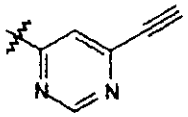
FIG 1G



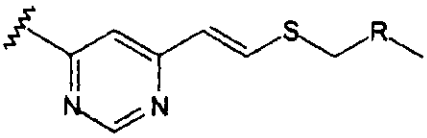
Chemistry 42



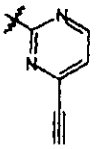
Chemistry 42



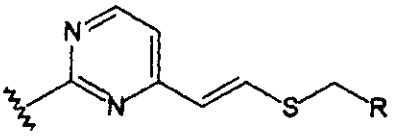
Chemistry 43



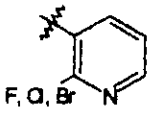
Chemistry 43



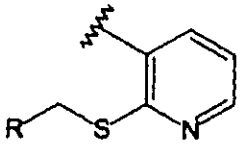
Chemistry 44



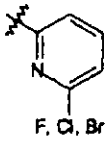
Chemistry 44



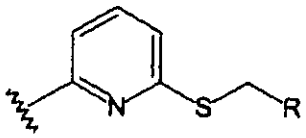
Chemistry 45



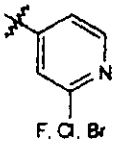
Chemistry 45



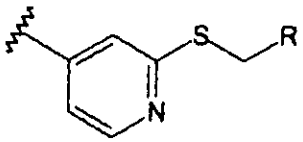
Chemistry 46



Chemistry 46

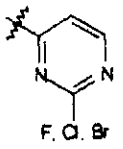


Chemistry 47

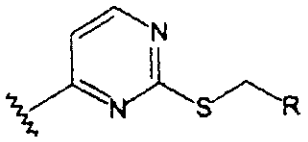


Chemistry 47

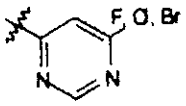
FIG 1H



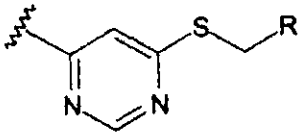
Chemistry 48



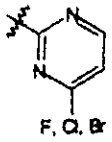
Chemistry 48



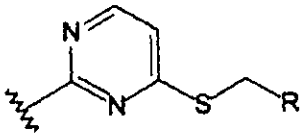
Chemistry 49



Chemistry 49



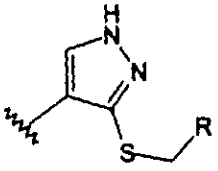
Chemistry 50



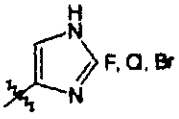
Chemistry 50



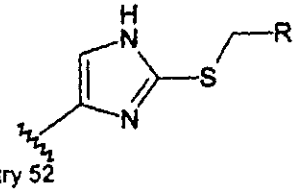
Chemistry 51



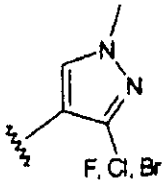
Chemistry 51



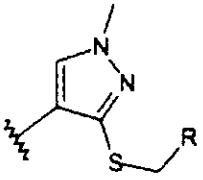
Chemistry 52



Chemistry 52

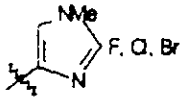


Chemistry 55

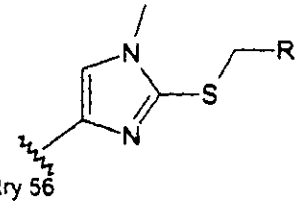


Chemistry 55

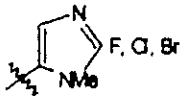
FIG 1 I



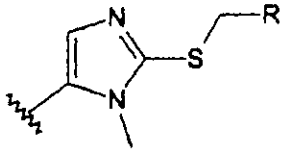
Chemistry 56



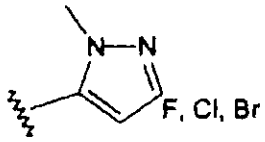
Chemistry 56



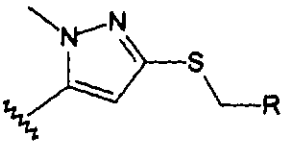
Chemistry 57



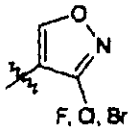
Chemistry 57



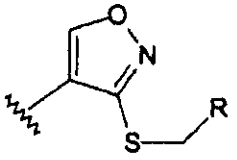
Chemistry 58



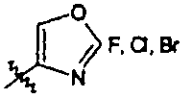
Chemistry 58



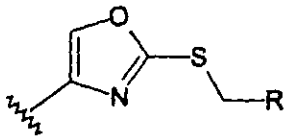
Chemistry 59



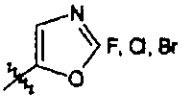
Chemistry 59



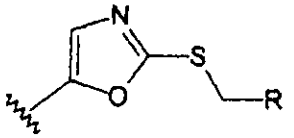
Chemistry 60



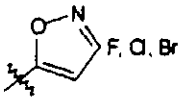
Chemistry 60



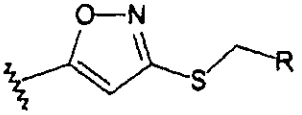
Chemistry 61



Chemistry 61

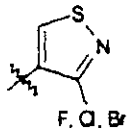


Chemistry 62

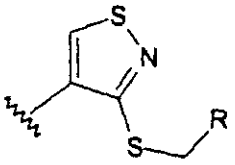


Chemistry 62

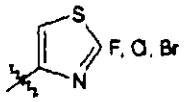
FIG 1J



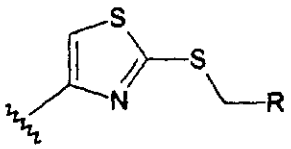
Chemistry 63



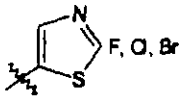
Chemistry 63



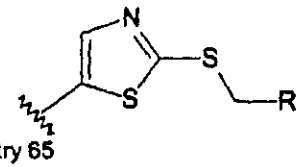
Chemistry 64



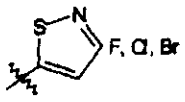
Chemistry 64



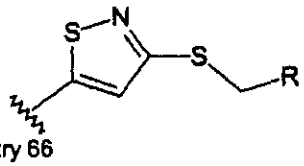
Chemistry 65



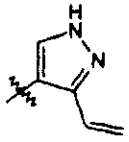
Chemistry 65



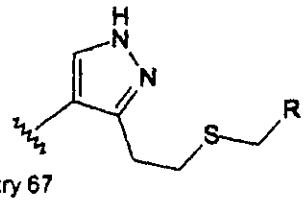
Chemistry 66



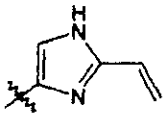
Chemistry 66



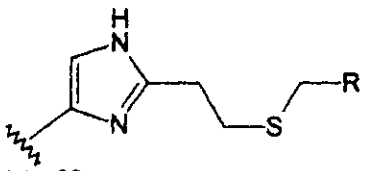
Chemistry 67



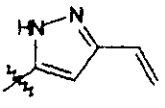
Chemistry 67



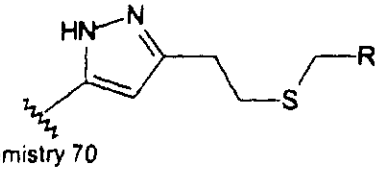
Chemistry 68



Chemistry 68

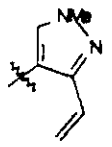


Chemistry 70

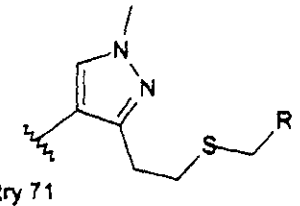


Chemistry 70

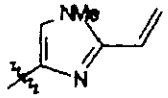
FIG 1K



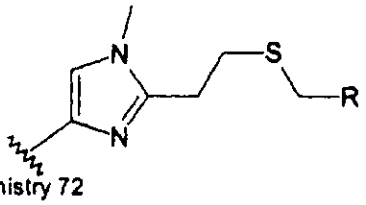
Chemistry 71



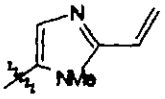
Chemistry 71



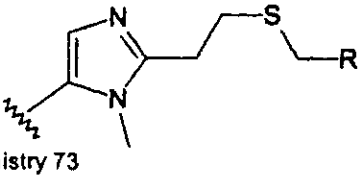
Chemistry 72



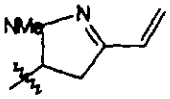
Chemistry 72



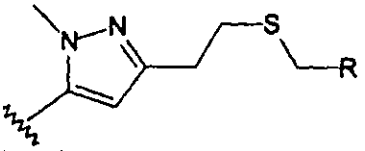
Chemistry 73



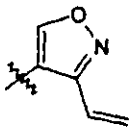
Chemistry 73



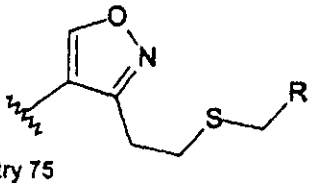
Chemistry 74



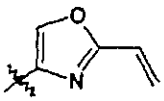
Chemistry 74



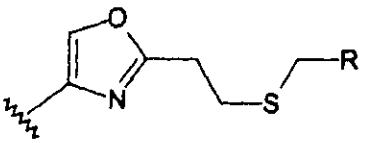
Chemistry 75



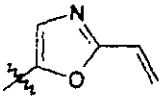
Chemistry 75



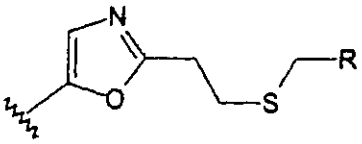
Chemistry 76



Chemistry 76

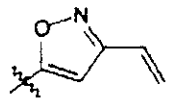


Chemistry 77

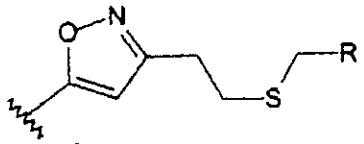


Chemistry 77

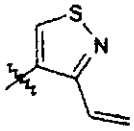
FIG 1L



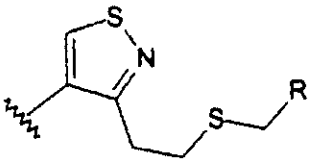
Chemistry 78



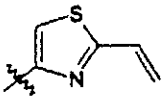
Chemistry 78



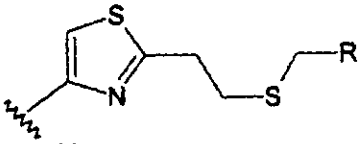
Chemistry 79



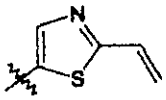
Chemistry 79



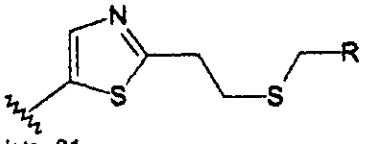
Chemistry 80



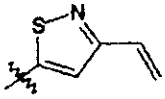
Chemistry 80



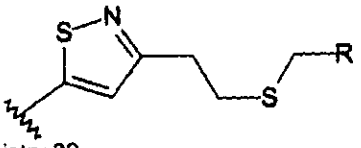
Chemistry 81



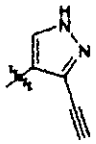
Chemistry 81



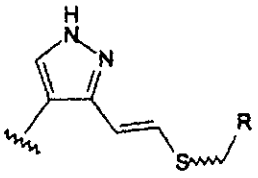
Chemistry 82



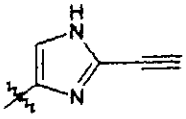
Chemistry 82



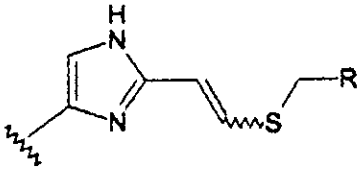
Chemistry 83



Chemistry 83

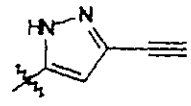


Chemistry 84

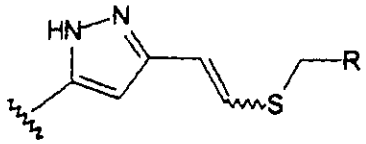


Chemistry 84

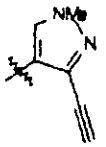
FIG 1M



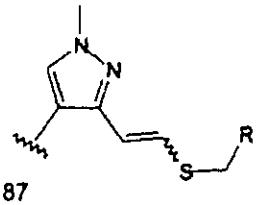
Chemistry 86



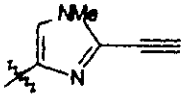
Chemistry 86



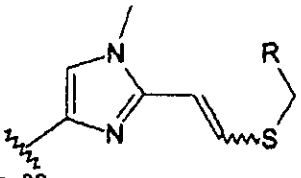
Chemistry 87



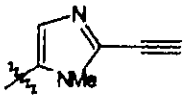
Chemistry 87



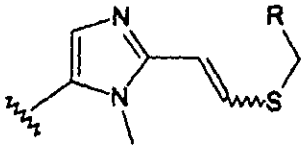
Chemistry 88



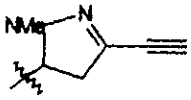
Chemistry 88



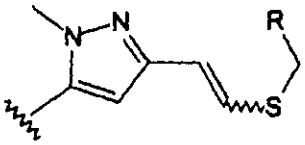
Chemistry 89



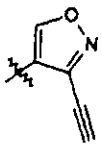
Chemistry 89



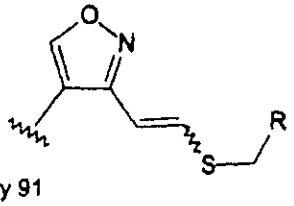
Chemistry 90



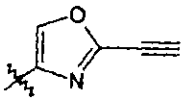
Chemistry 90



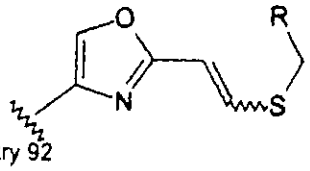
Chemistry 91



Chemistry 91

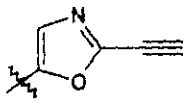


Chemistry 92

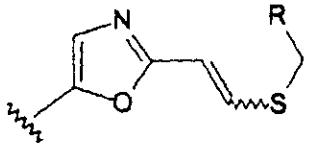


Chemistry 92

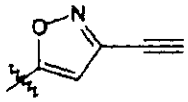
FIG 1N



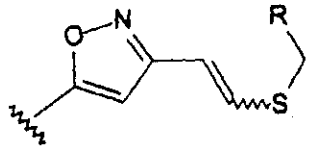
Chemistry 93



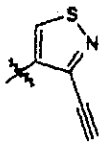
Chemistry 93



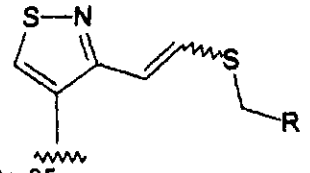
Chemistry 94



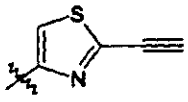
Chemistry 94



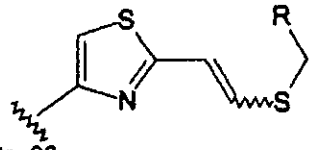
Chemistry 95



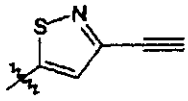
Chemistry 95



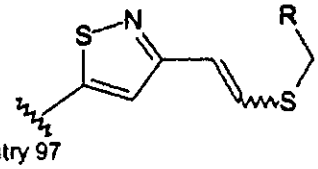
Chemistry 96



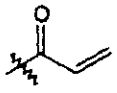
Chemistry 96



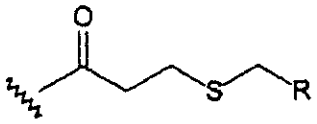
Chemistry 97



Chemistry 97



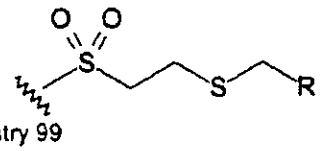
Chemistry 98



Chemistry 98

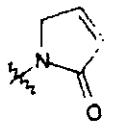


Chemistry 99

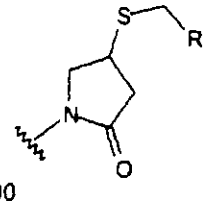


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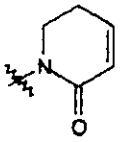
FIG 1 O



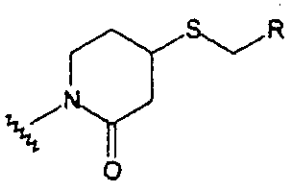
Chemistry 100



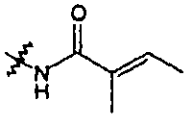
Chemistry 100



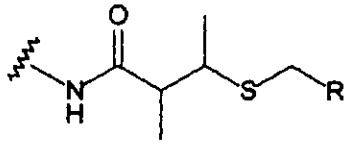
Chemistry 101



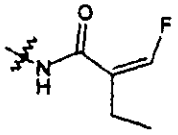
Chemistry 101



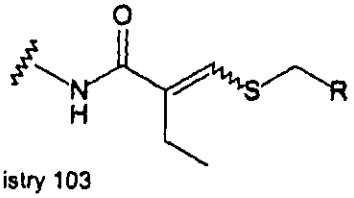
Chemistry 102



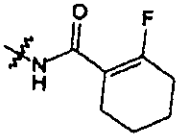
Chemistry 102



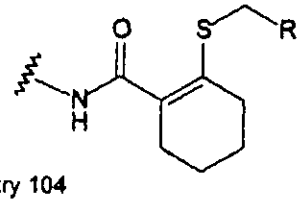
Chemistry 103



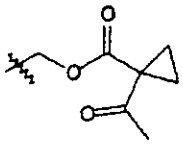
Chemistry 103



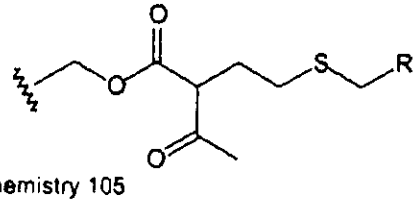
Chemistry 104



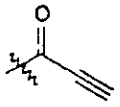
Chemistry 104



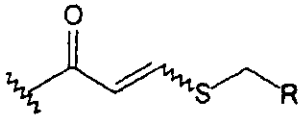
Chemistry 105



Chemistry 105

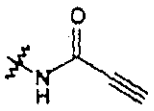


Chemistry 106

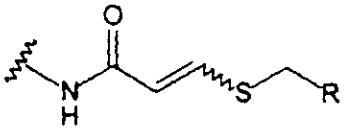


Chemistry 106

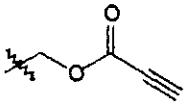
FIG 1P



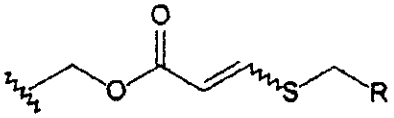
Chemistry 107



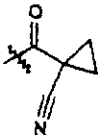
Chemistry 107



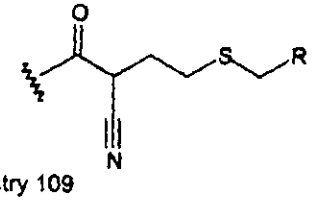
Chemistry 108



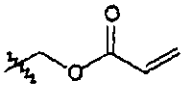
Chemistry 108



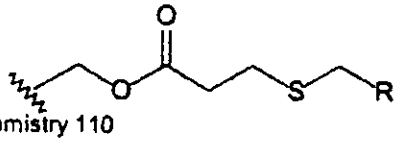
Chemistry 109



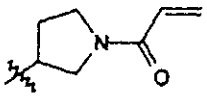
Chemistry 109



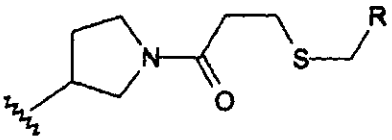
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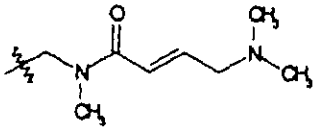
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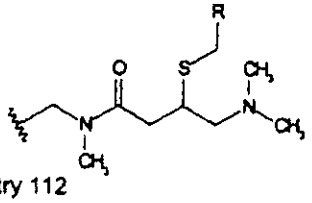
Chemistry 111



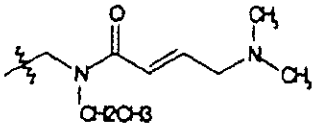
Chemistry 111



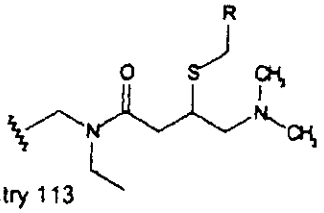
Chemistry 112



Chemistry 112

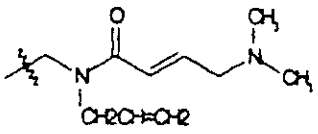


Chemistry 113

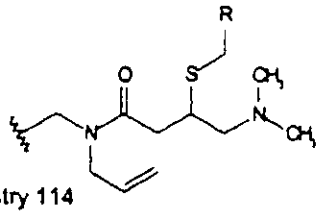


Chemistry 113

FIG 1Q



Chemistry 114



Chemistry 114

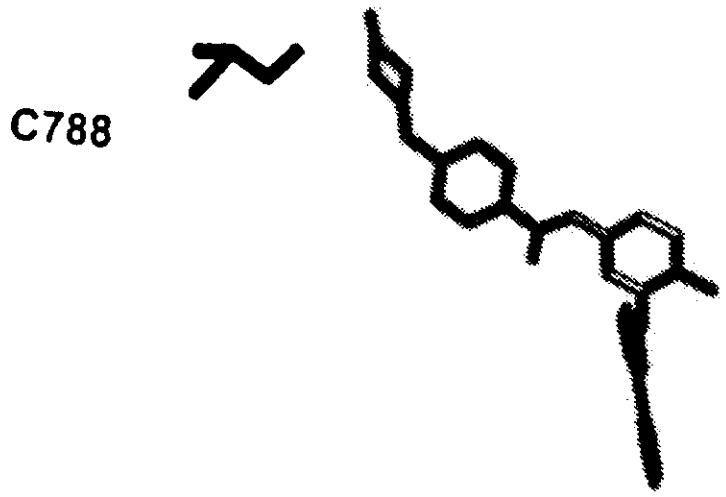


FIG. 2A

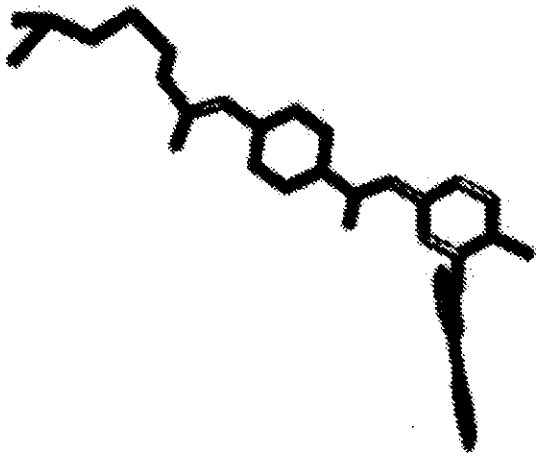


FIG. 2B

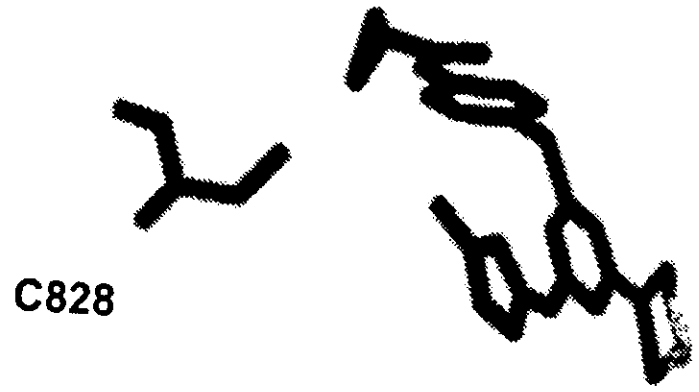


FIG. 3A



FIG. 3B

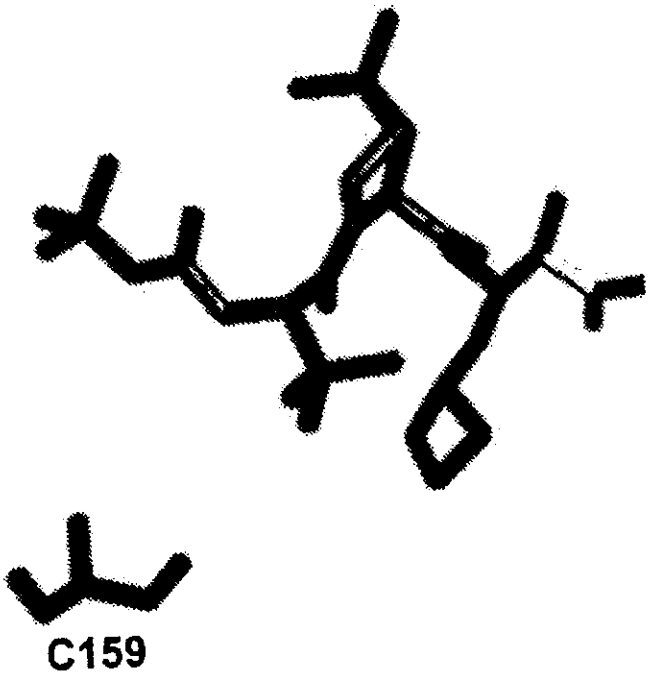


FIG. 4A

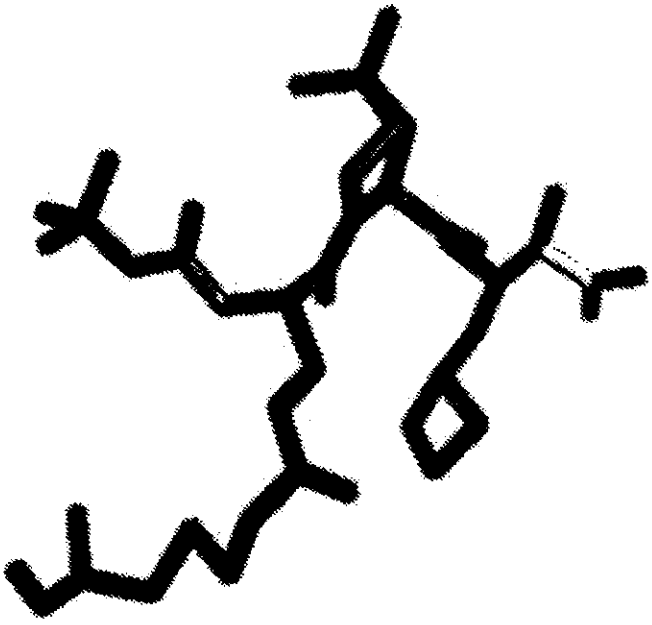


FIG. 4B

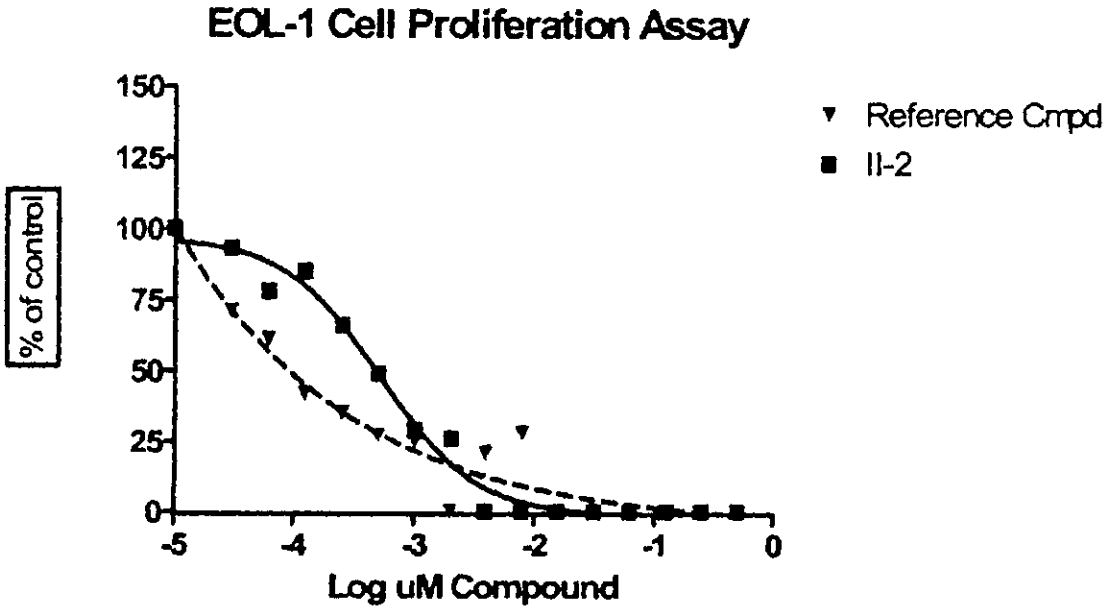

EOL-1 Cell Proliferation Assay
150
125
100
75
50
25
0
% of control
-5
-4
-3
-2
-1
0
Log uM Compound
Reference Cmpd
Il-2

FIG. 5

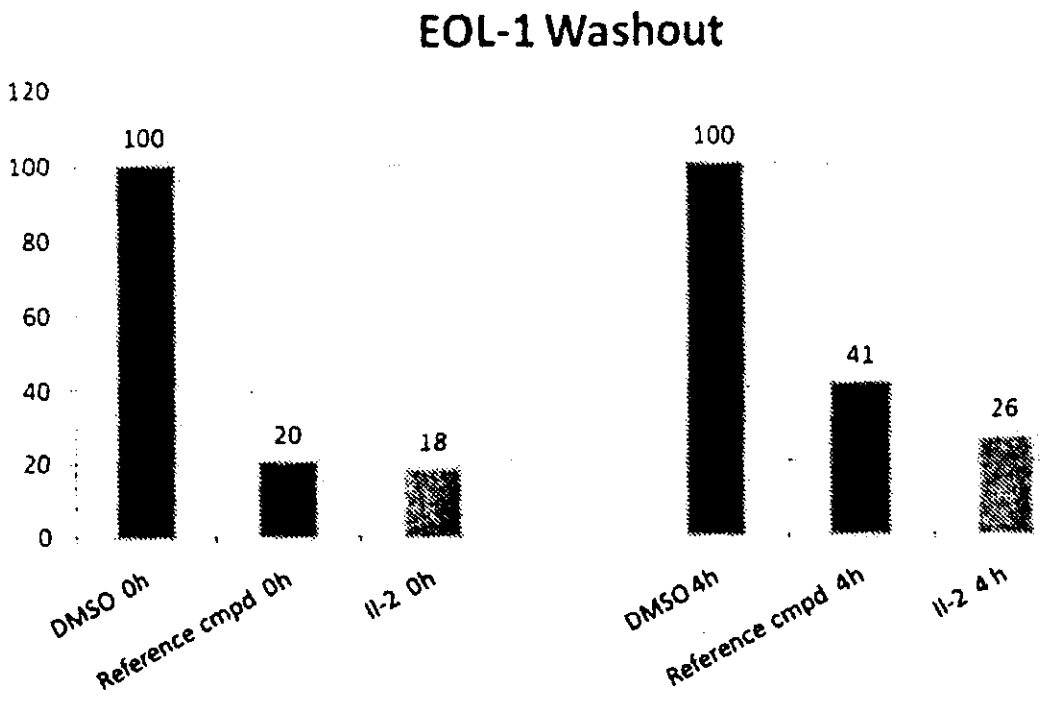

EOL-1 Washout
120
100
80
60
40
20
0
100
20
18
100
41
26
DMSO 0h
Reference cmpd 0h
Il-2 0h
DMSO 4h
Reference cmpd 4h
Il-2 4 h

FIG. 6

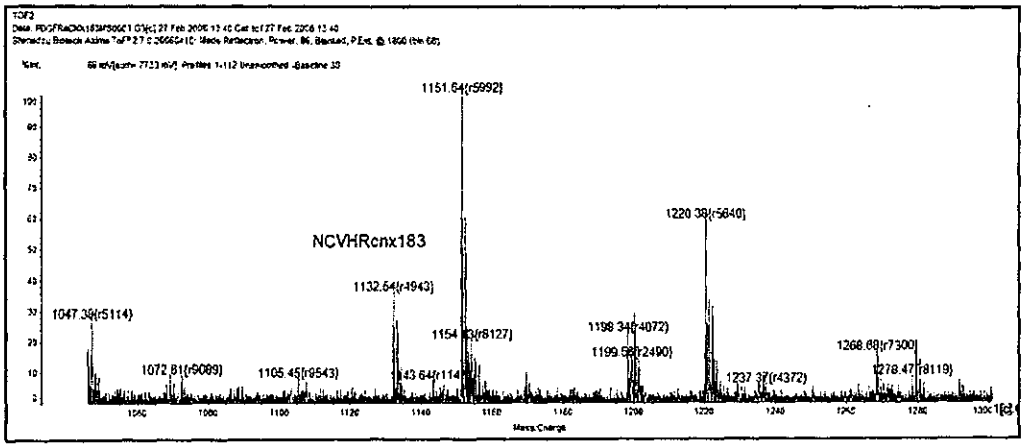

NCVHRcnx183
1151.64(r5992)
1220.38(r5640)
1132.64(r4943)
1047.39(r5114)
1154.63(r8127)
1198.34(r4072)
1199.58(r2490)
1268.60(r7300)
1072.81(r9089)
1105.45(r9543)
1237.37(r4372)
1278.47(r8119)

FIG. 7

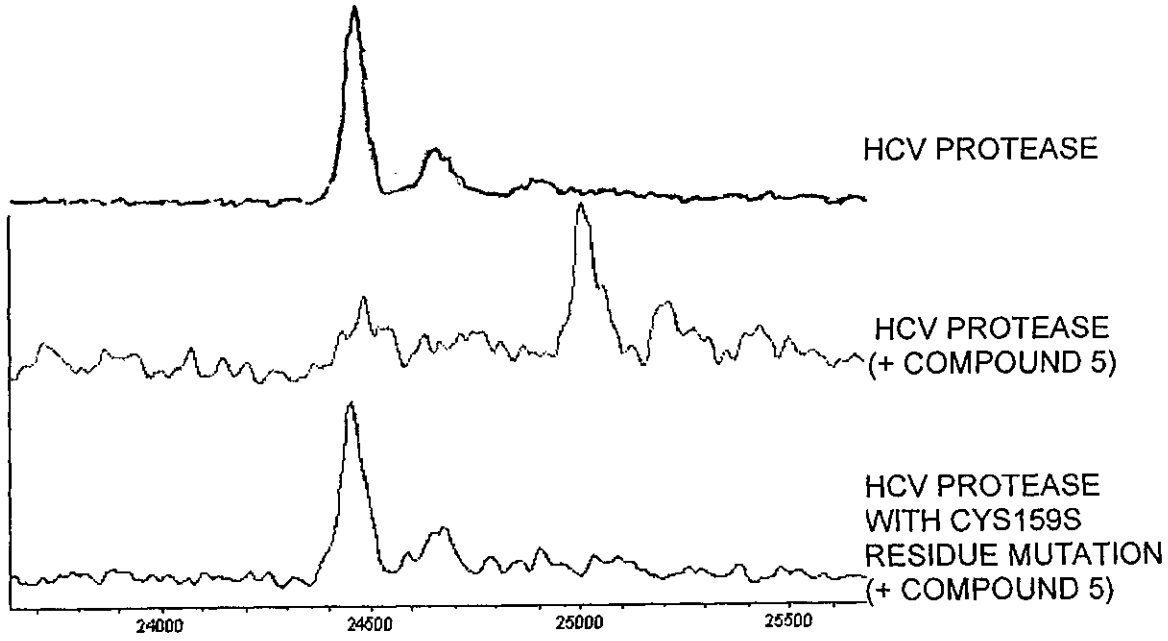

HCV PROTEASE
HCV PROTEASE
(+ COMPOUND 5)
HCV PROTEASE
WITH CYS159S
RESIDUE MUTATION
(+ COMPOUND 5)
24000
24500
25000
25500

FIG. 8

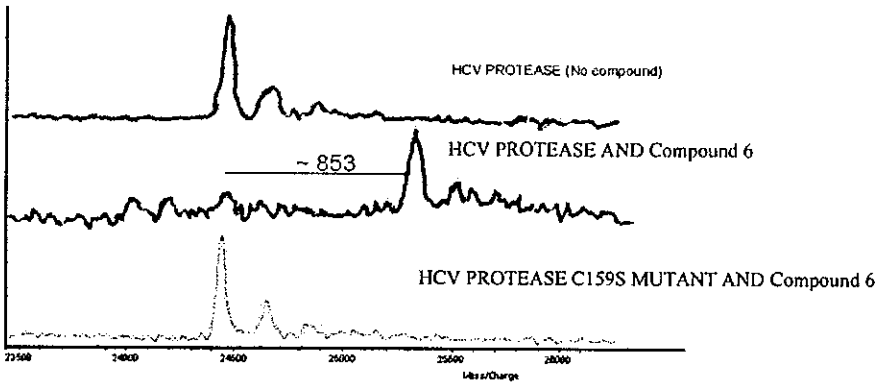


FIG. 9

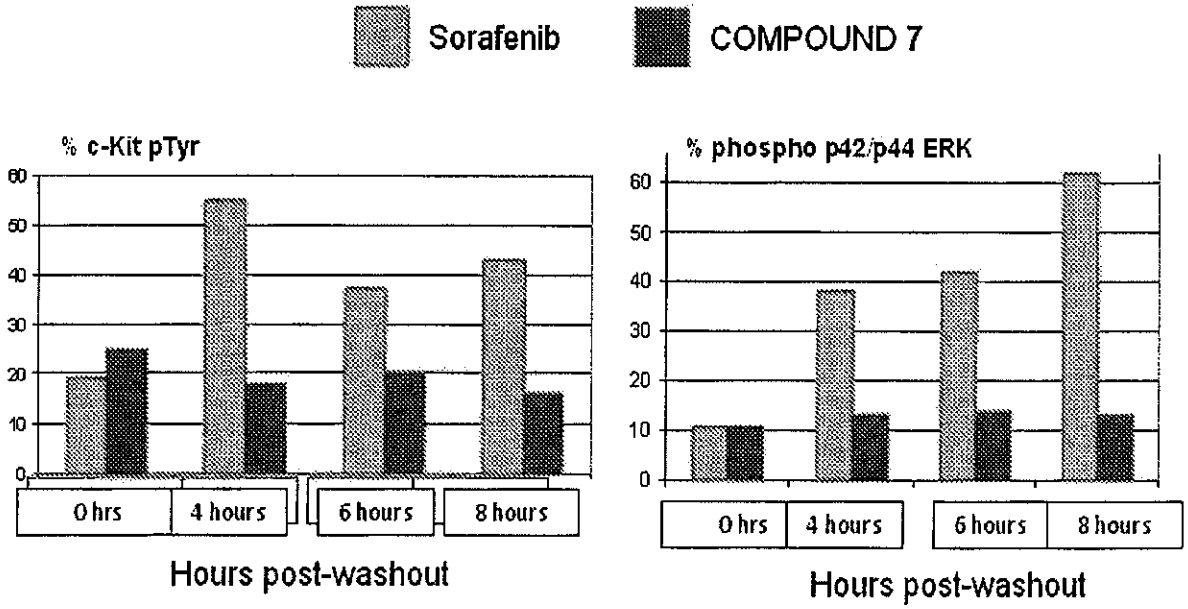


FIG. 10A

FIG. 10B

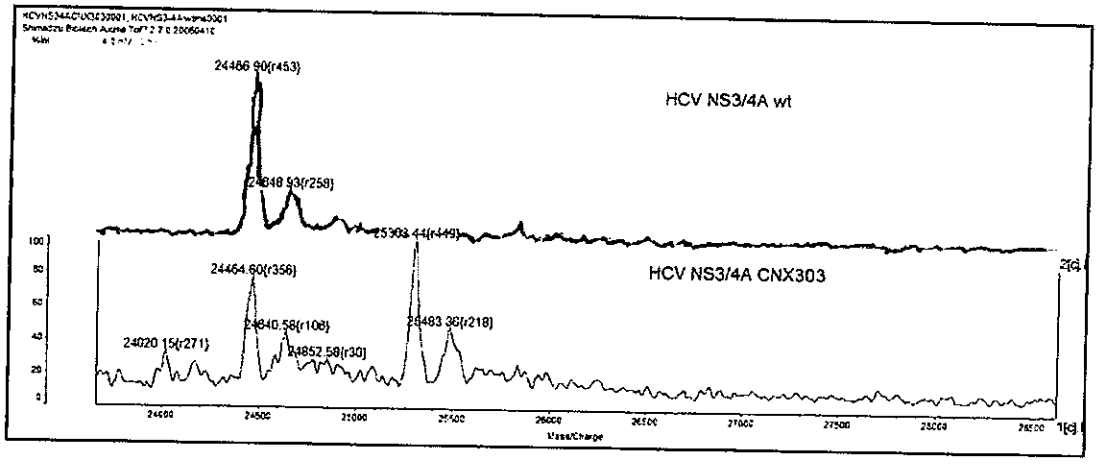

24486.90(r453)
HCV NS3/4A wt
24464.60(r356)
HCV NS3/4A CNX303
24020.15(r271)
24840.58(r108)
24852.58(r30)
25493.36(r218)
Mass/Charge

FIG. 11