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FIG. 1A

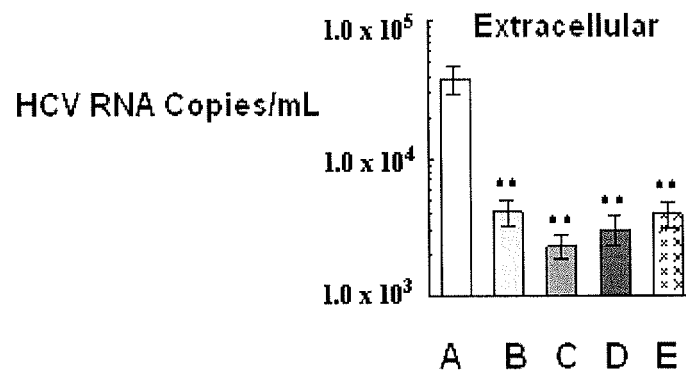
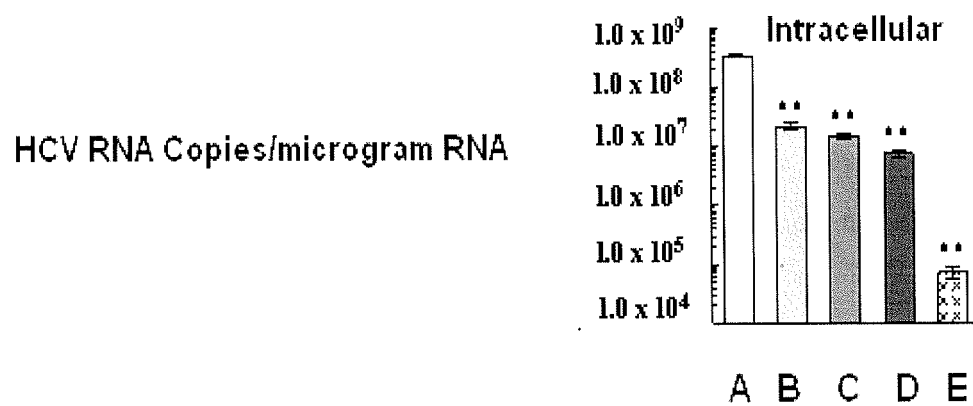


FIG. 1B



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FIG. 2A

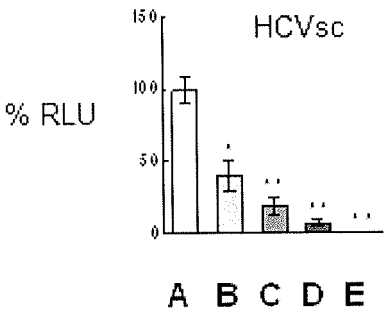


FIG. 2B

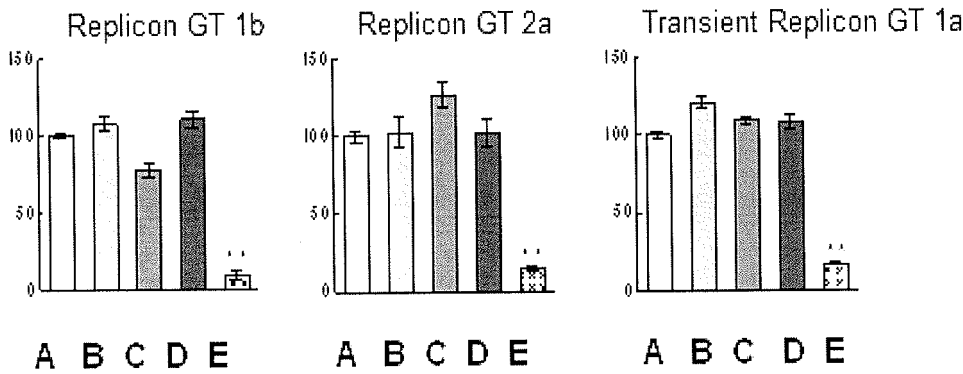
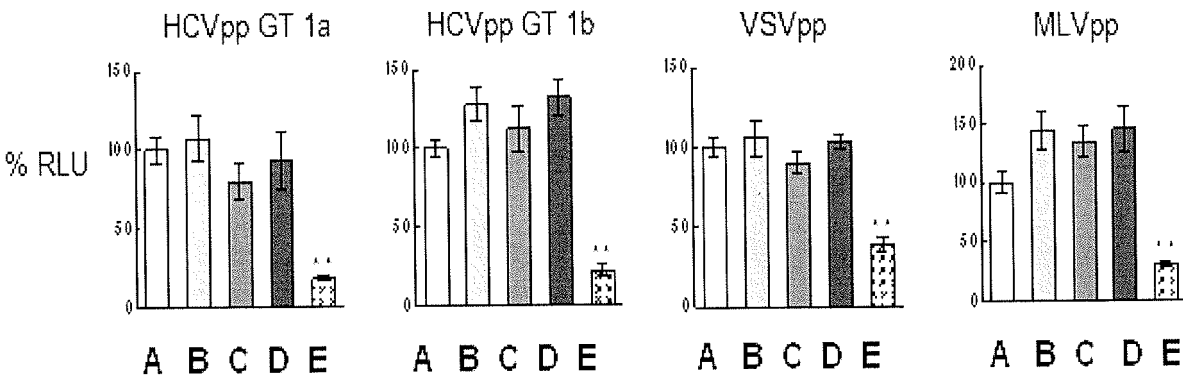
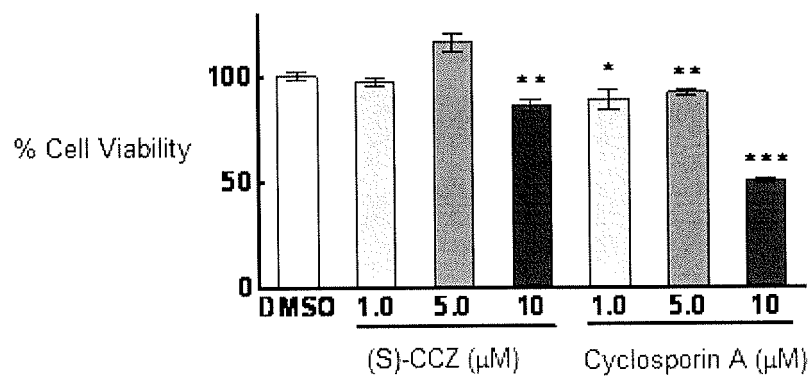


FIG. 2C



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FIG. 3



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FIG. 4A

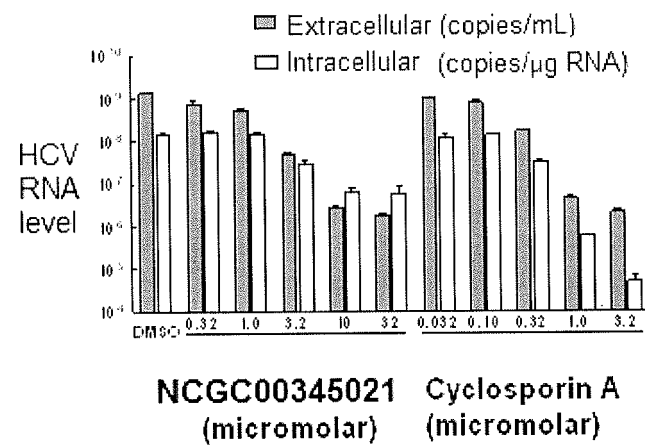
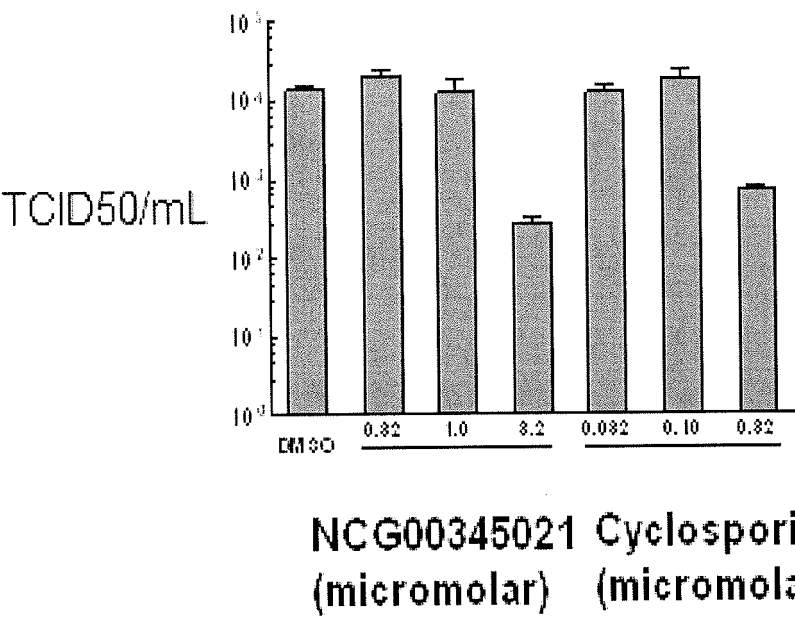


FIG. 4B



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FIG. 5

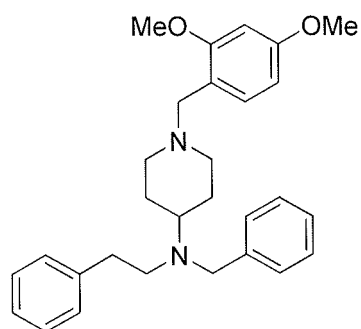
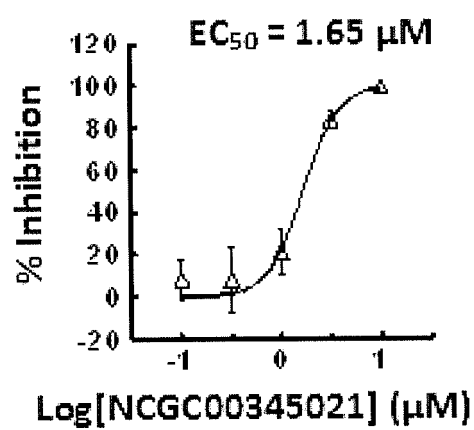


FIG. 6



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FIG. 7A

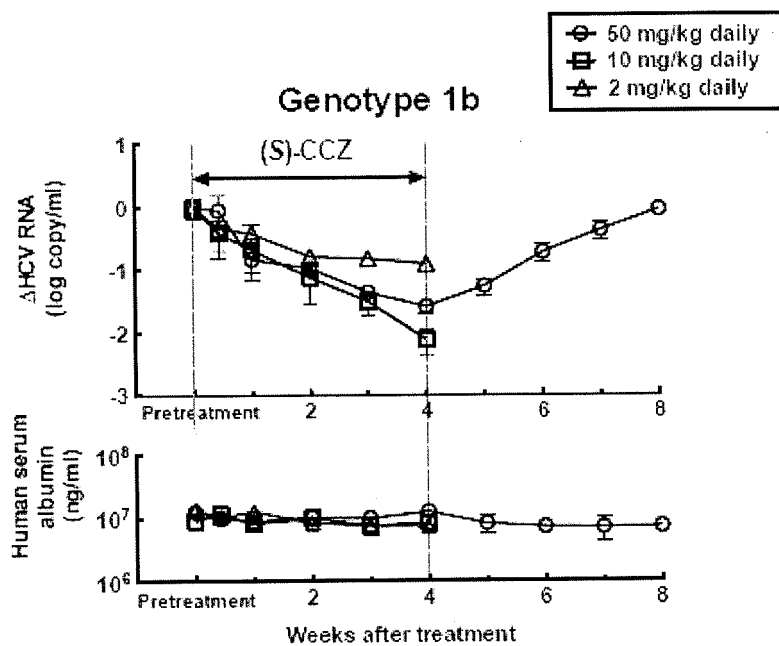
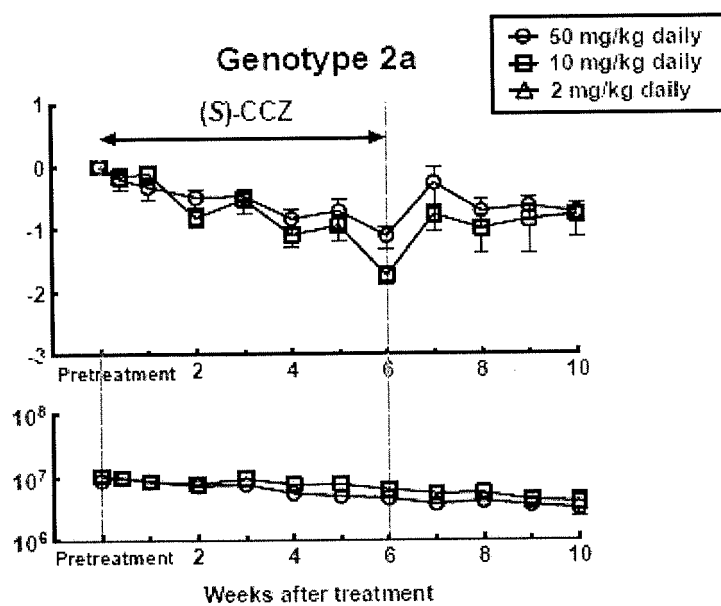
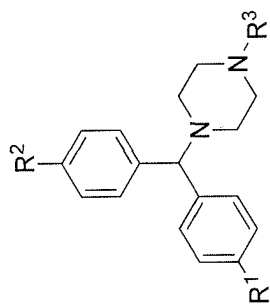


FIG. 7B



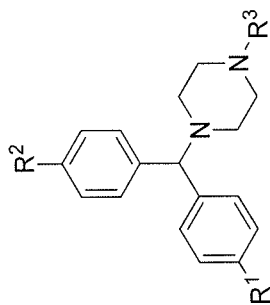
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Fig. 8



	Chemical Structure			Anti-HCV Activity and Selectivity				
				EC ₅₀ (μ M)	CC ₅₀ (μ M)		Selective Index	H1HR %DMSO at 10 nM
					Huh7.5.1	HepG2		
	R ¹	R ²	R ³	Config		Primary human hepatocyte		
100	Cl	H	Me	S	33.4	32.3	>31.6	79.4
101	Cl	H	H	S	9.31	-	9.01	97.8
102	Cl	H	Et	S	40.0	-	>31.6	-
103	Cl	H	CH ₂ CH ₂ OCH ₂ CH ₂ NH ₂	R,S	8.18	6.17	8.89	74.9
104	Cl	H	(CH ₂ CH ₂ O) ₄ CH ₂ CH ₂ NH ₂	R,S	12.2	12.6	9.39	98.0
105	Cl	Cl	Me	-	21.3	31.6	>31.6	52.2
106	Cl	Cl	H	-	5.64	4.28	-	92.3
107	Cl	Cl	Et	-	19.8	56.0	-	71.8
108	Cl	Cl	CH ₂ CH ₂ OCH ₂ CH ₂ OH	-	19.7	19.5	>31.6	52.6

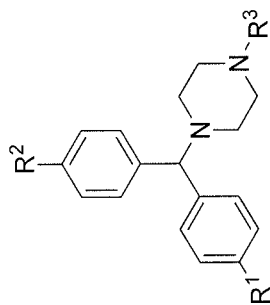
Fig. 9



	Chemical Structure			HCV Replication Cycle Assays						Replicon %DMSO GT 2a
	R ¹	R ²	R ³	Config	HCVsc % DMSO	HCVpp %DMSO		MLVpp %DMSO	VSV-Gpp %DMSO	
						GT 1a	GT1b			
100	Cl	H	Me	S	2.1	107	116	103	120	101
101	Cl	H	H	S	28.1	98.8	66.3	57.3	51.9	61.5
102	Cl	H	Et	S	2.0	-	-	-	-	-
103	Cl	H	CH ₂ CH ₂ OCH ₂ CH ₂ NH ₂	R,S	6.9	19.4	37.2	107	93.1	149
104	Cl	H	(CH ₂ CH ₂ O) ₄ CH ₂ CH ₂ NH ₂	R,S	1.4	95.8	91.7	117	99.8	63.6
105	Cl	Cl	Me	-	12.4	76.2	91.9	116	119	112
106	Cl	Cl	H	-	10.2	107	137	120	115	147
107	Cl	Cl	Et	-	10.1	76.6	108	96.5	110	128
108	Cl	Cl	CH ₂ CH ₂ OCH ₂ CH ₂ OH	-	1.8	71.1	80.8	108	109	98.8

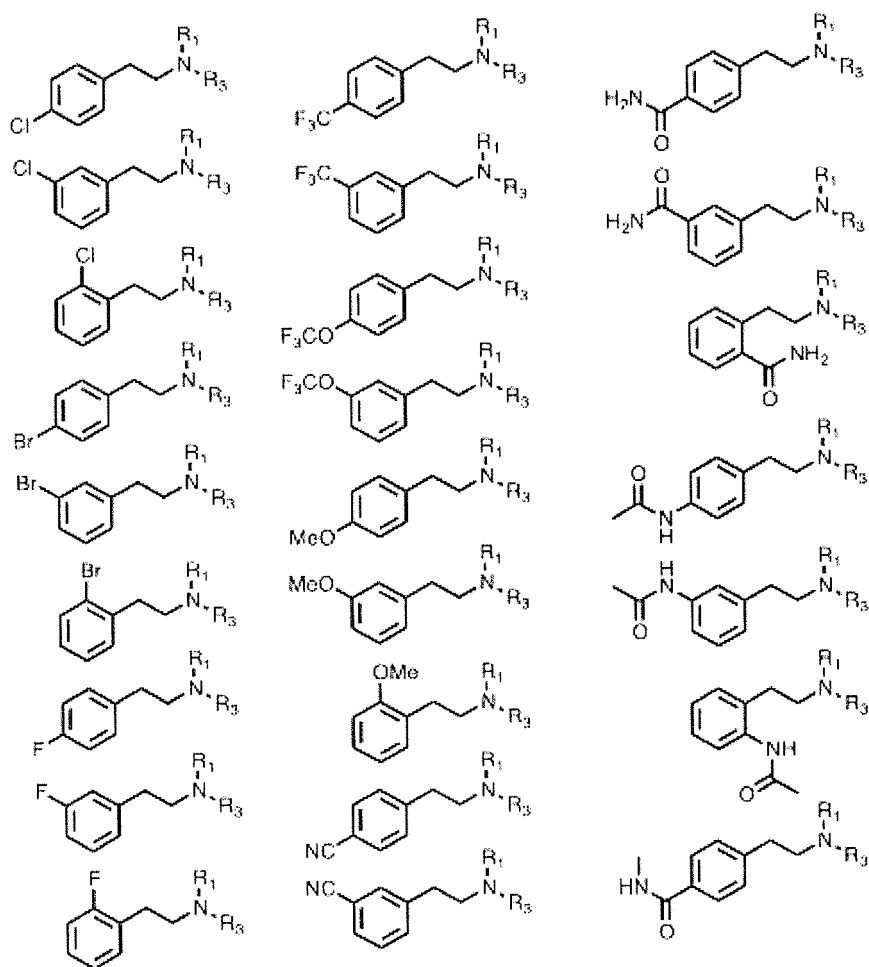
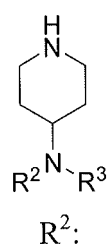
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Fig. 10



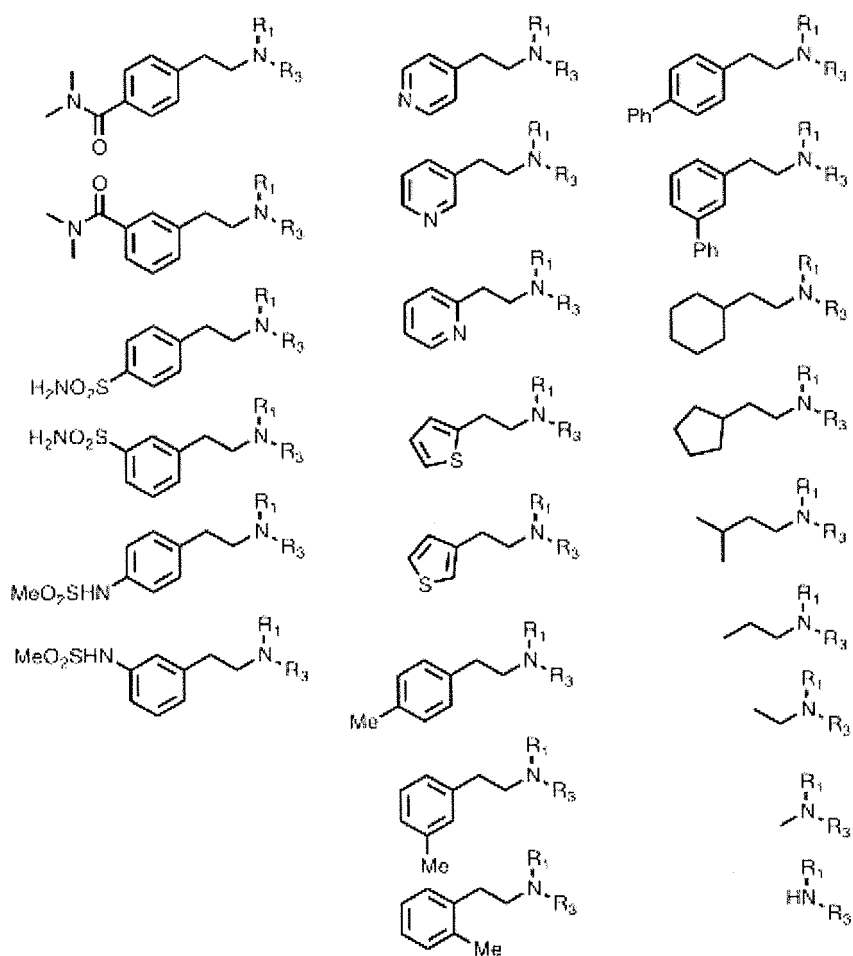
	Chemical Structure				In vitro pharmacokinetics				
	R ¹	R ²	R ³	Config	Microsomal t _{1/2} (min)			Permeability (10 ⁻⁴ cm/s)	Solubility (μg/mL)
					Human	Mouse	Rat		
100	Cl	H	Me	S	-	-	-	1834	29.3
101	Cl	H	H	S	-	-	-	>1930.0	30.3
102	Cl	H	Et	S	-	-	-	514.5	12.3
103	Cl	H	CH ₂ CH ₂ OCH ₂ CH ₂ NH ₂	R,S	26.3	25	12.2	-	44.3
104	Cl	H	(CH ₂ CH ₂ O) ₄ CH ₂ CH ₂ NH ₂	R,S	26.2	29.1	11.7	682.1	46
105	Cl	Cl	Me	-	>120	91	26	1024.3	>49.0
106	Cl	Cl	H	-	>30	17.3	20.7	-	19.9
107	Cl	Cl	Et	-	~30	12.6	2.20	892.3	17.7
108	Cl	Cl	CH ₂ CH ₂ OCH ₂ CH ₂ OH	-	>30	71.1	13.7	-	44.5

Fig. 11



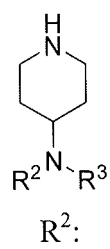
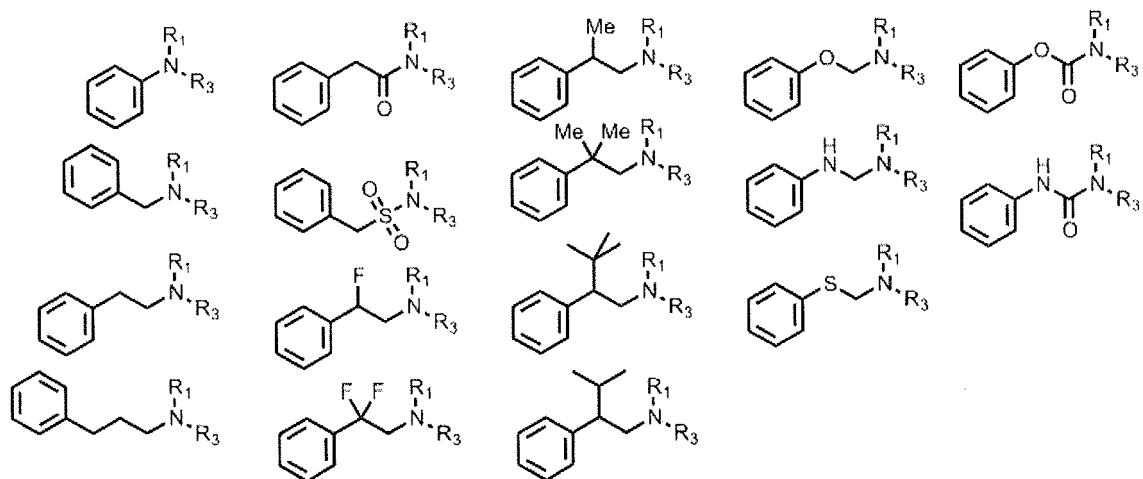
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Fig. 11 (continued)



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Fig. 12

 R^2 :

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Fig. 13

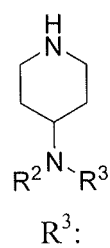
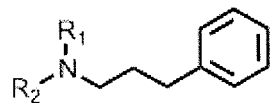
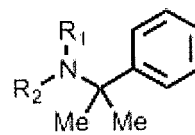
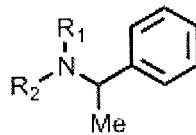
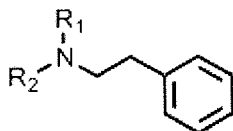
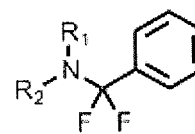
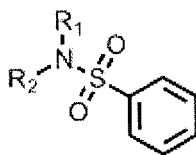
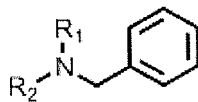
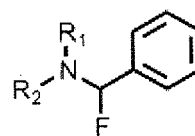
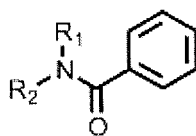
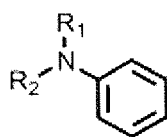
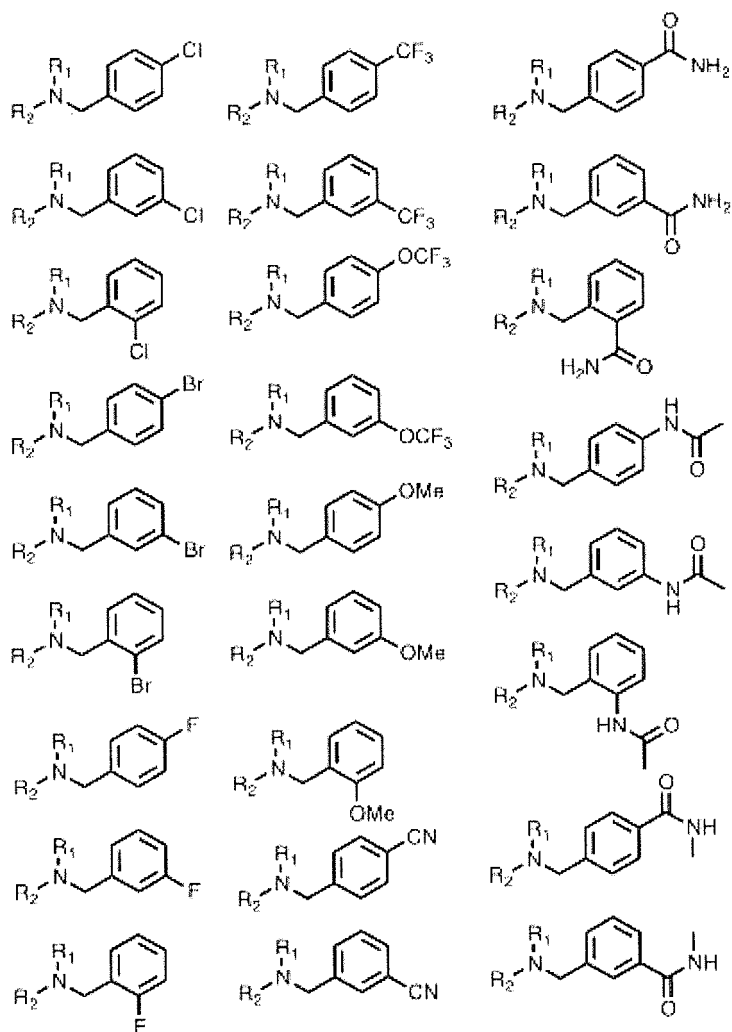
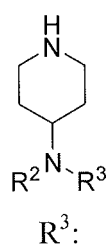
 R^3 :

Fig. 14



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Fig. 14 (continued)

