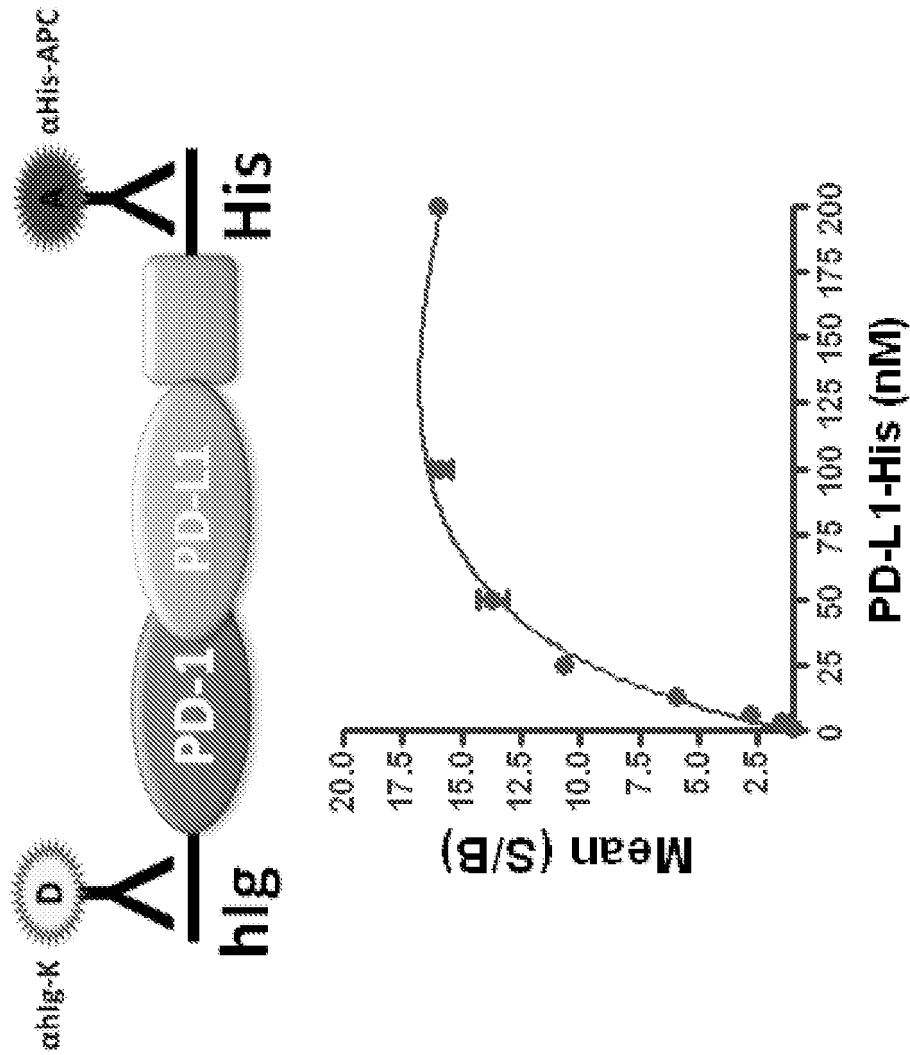
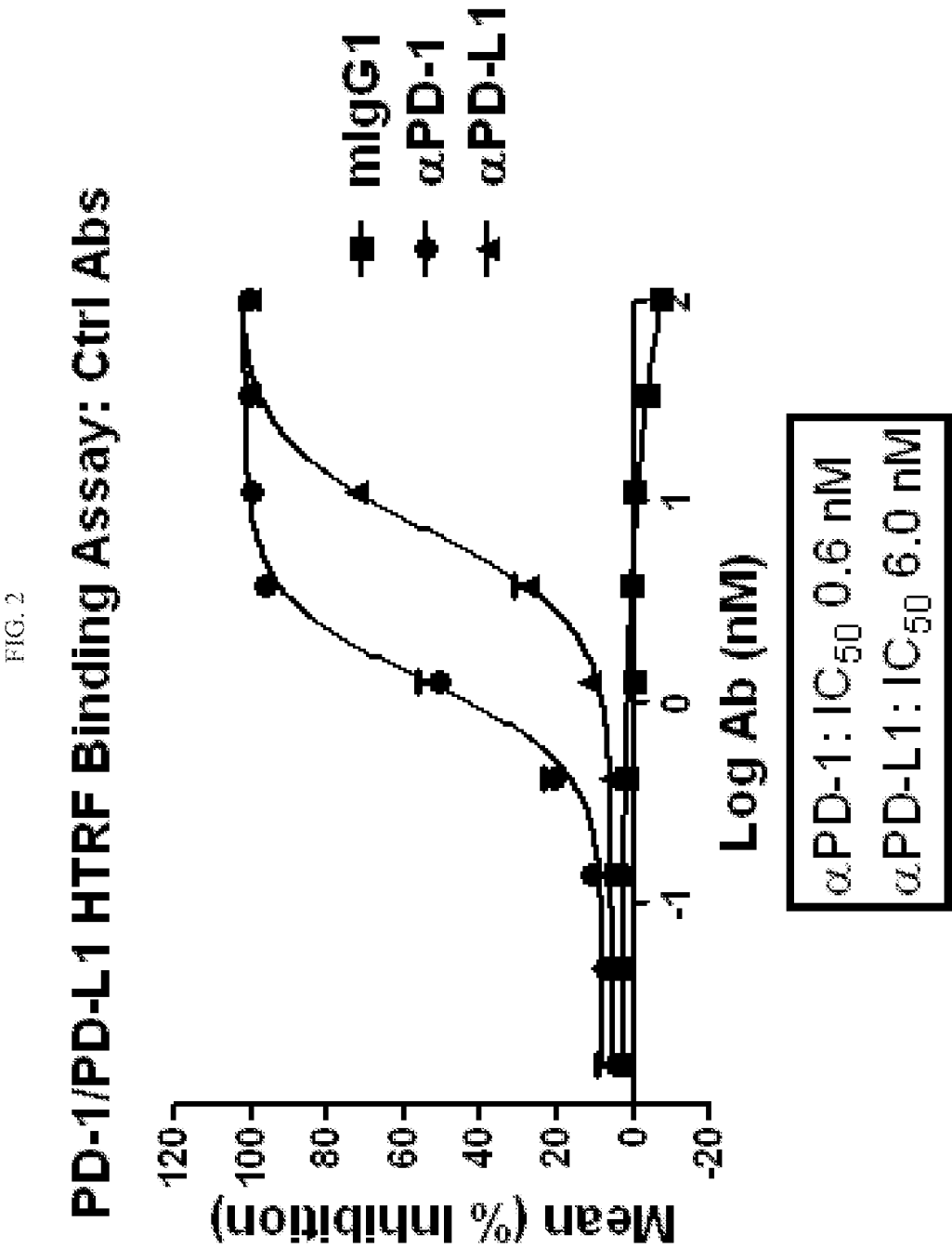


FIG. 1





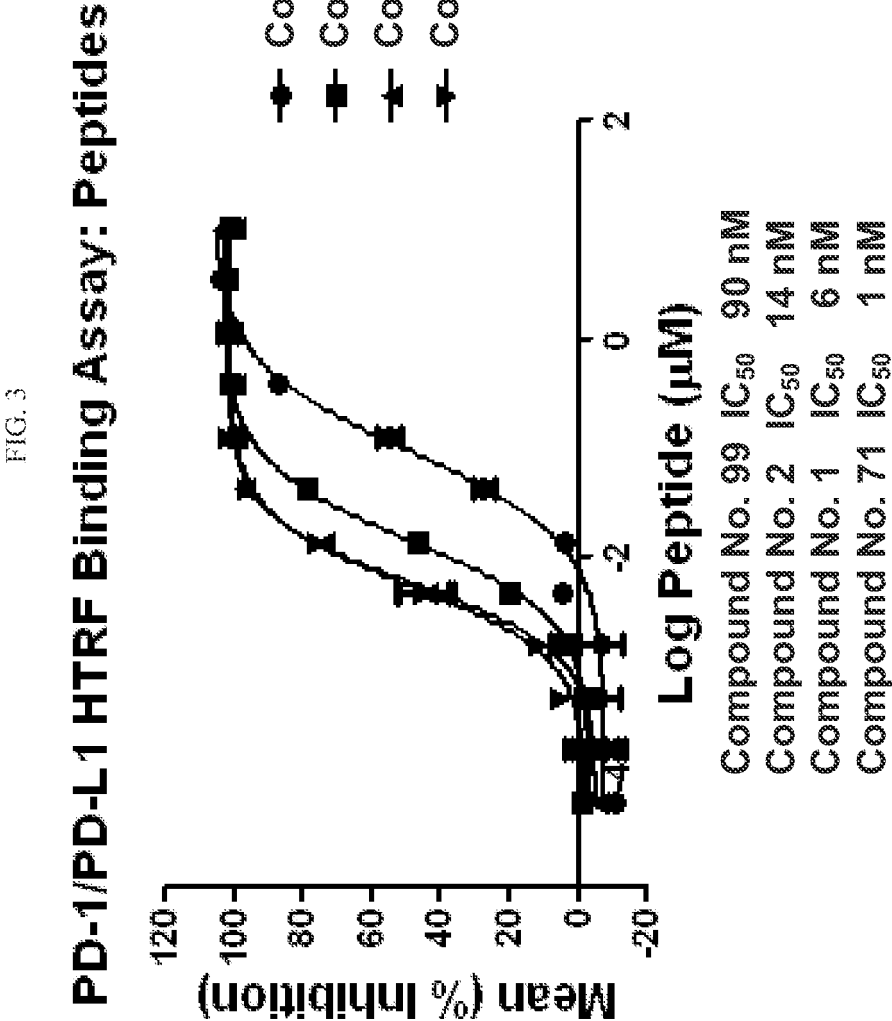


FIG. 4

Inhibitor	PD-1/PD-L1 HTRF Binding Assay (IC ₅₀ , nM) Binding Pairs			
	PD-1/PD-L1	PD-1/PD-L2	CD80/PD-L1	CD80/CTLA4
α PD-1	0.60	3.33	>100	>100
α PD-L1	6.09	>100	1.02	>100
Compound No. 99	90.9	>10,000	78.2	>10,000
Compound No. 2	14.4	>10,000	15.2	>10,000
Compound No. 1	5.60	>10,000	7.04	>10,000
Compound No. 71	1.03	>10,000	3.57	>10,000

FIG. 5

Cell Line:	Jurkat PD-1	LK35.2- hPD-L1	L2987
Ligand:	sPD-L1-Ig	sPD-L1-Ig	sPD-L1-Ig
<u>Antibodies</u>			
α PD-1 (MDX-1106)	0.18	0.91	4.12
α PD-L1	1.67	0.08	0.03
<u>PD-L1 Macrocyclic Peptides</u>			
Compound No. 99	120	207	150
Compound No. 2	79	11	73
Compound No. 1	26	6	12
Compound No. 71	5	1	1

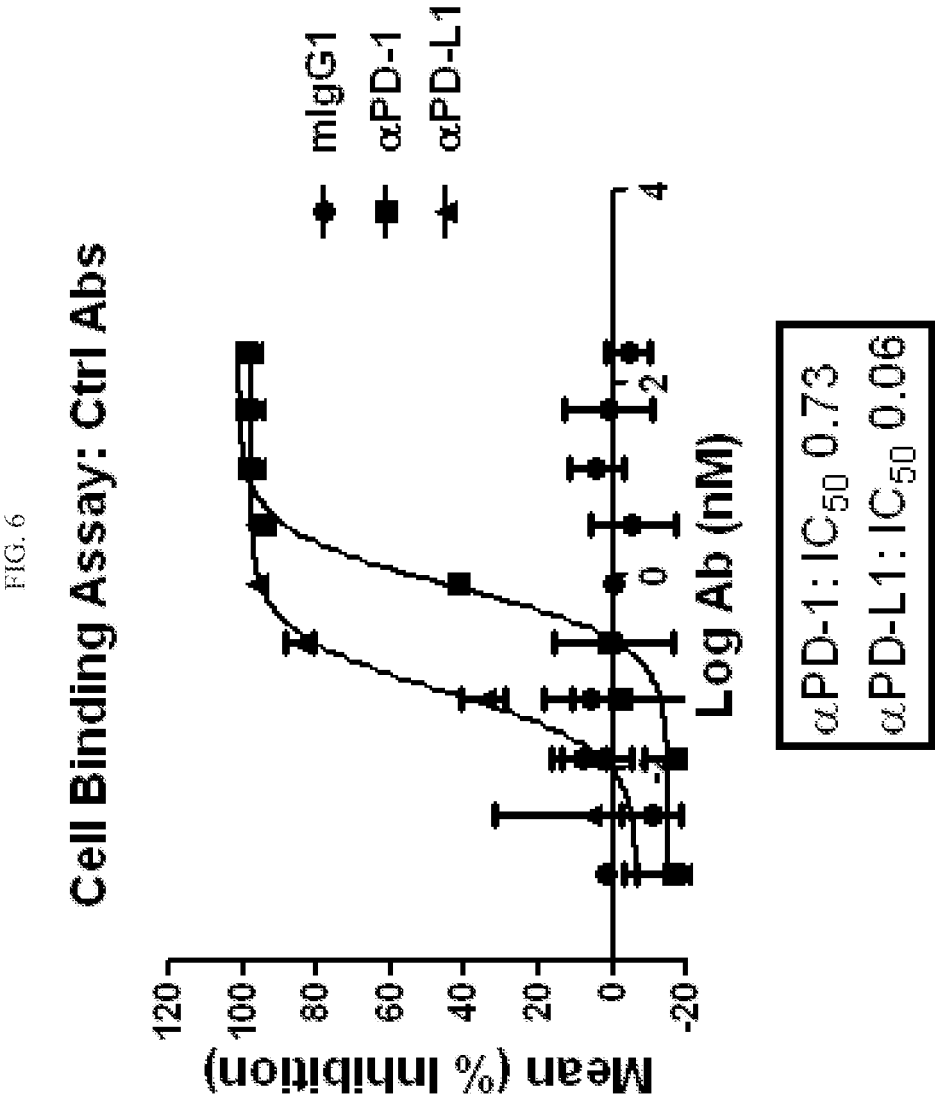
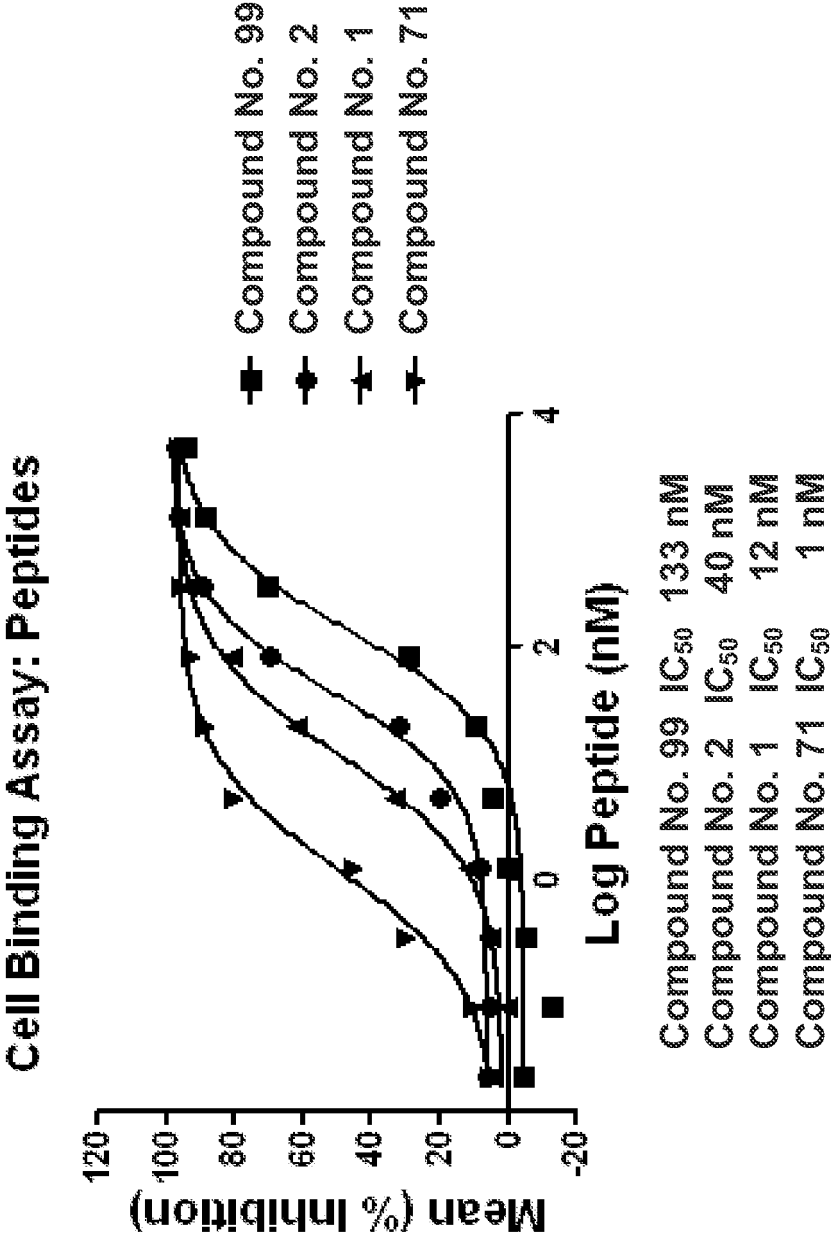


FIG. 7



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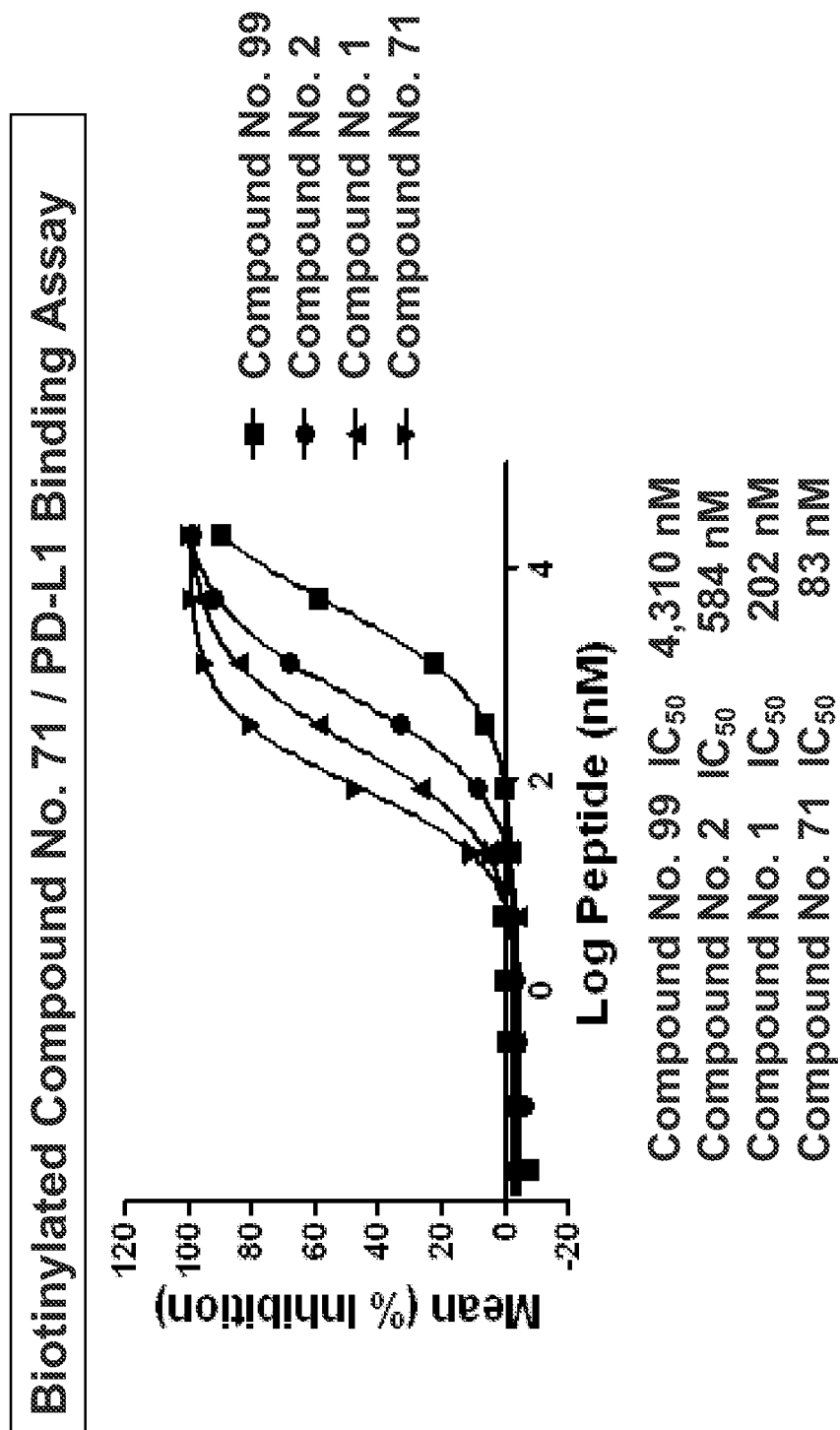


FIG. 9

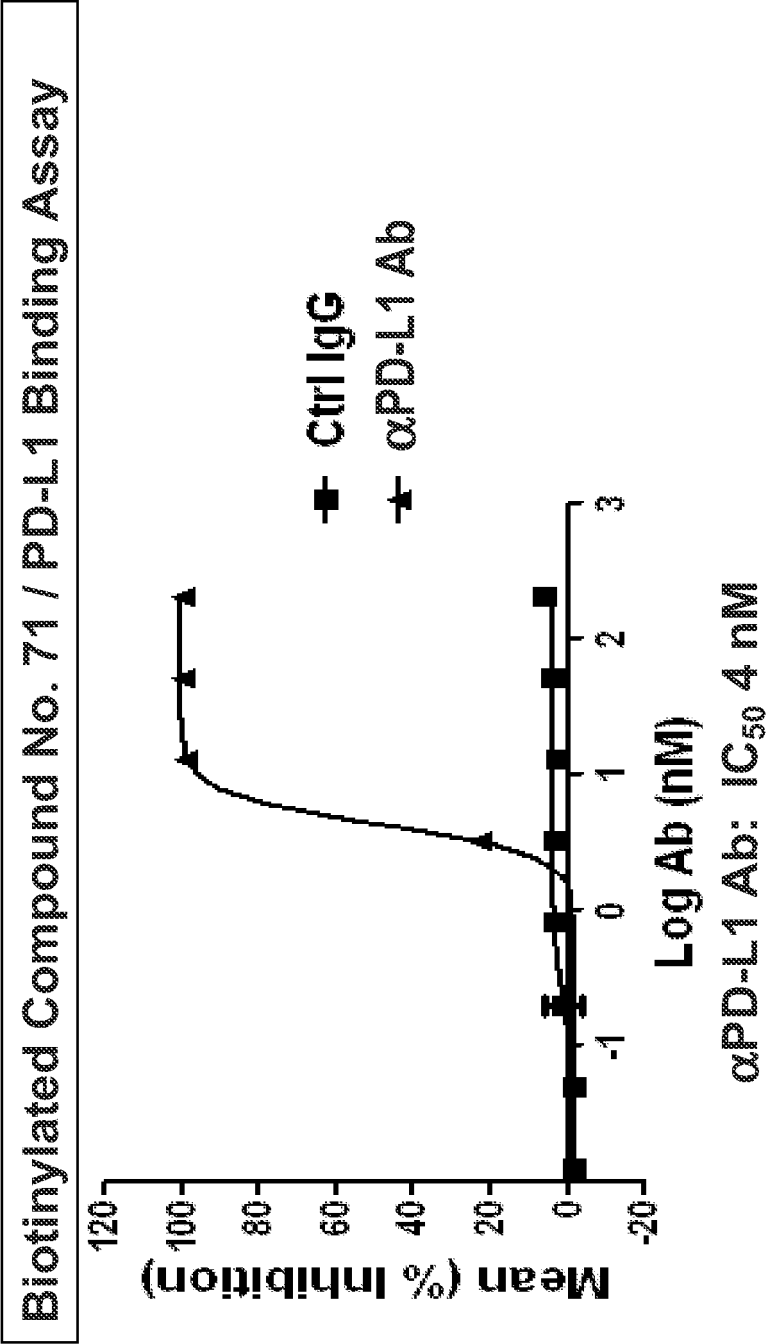


FIG. 10A

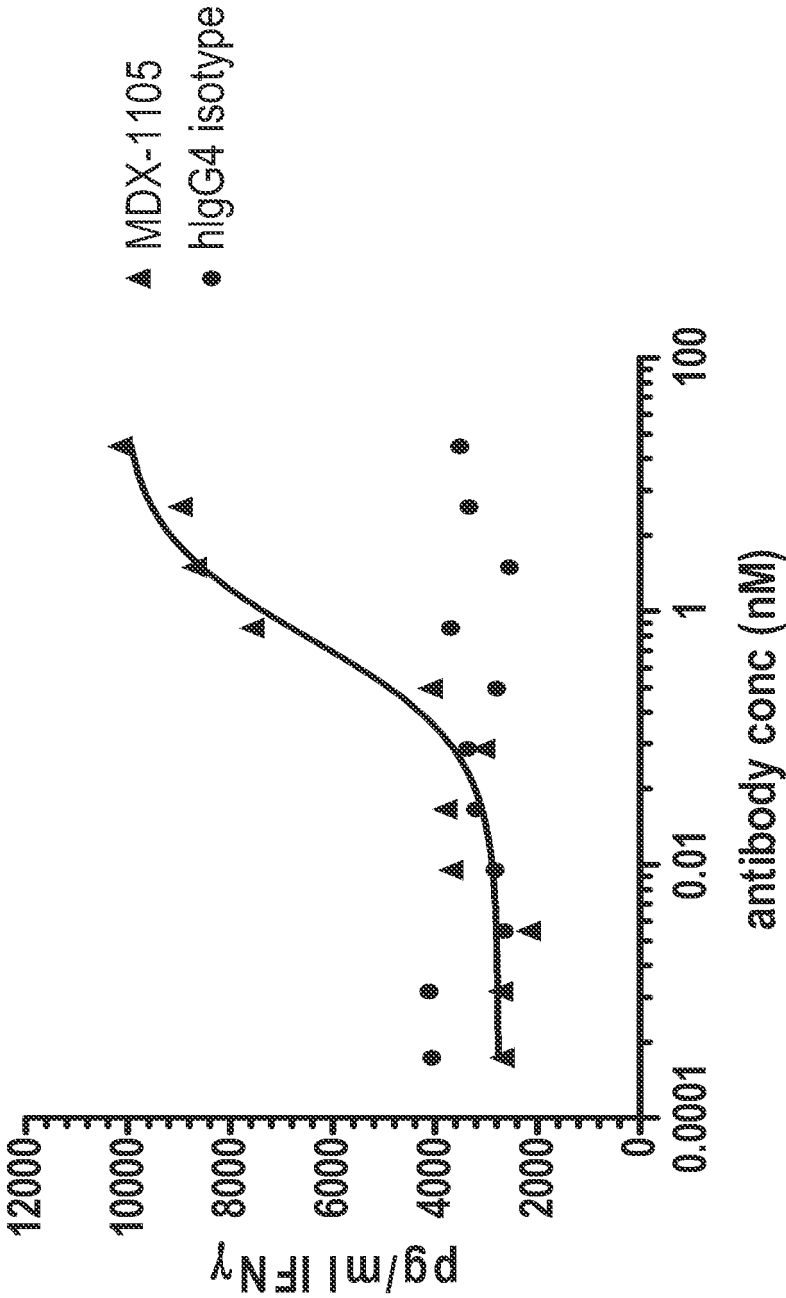


FIG. 10B

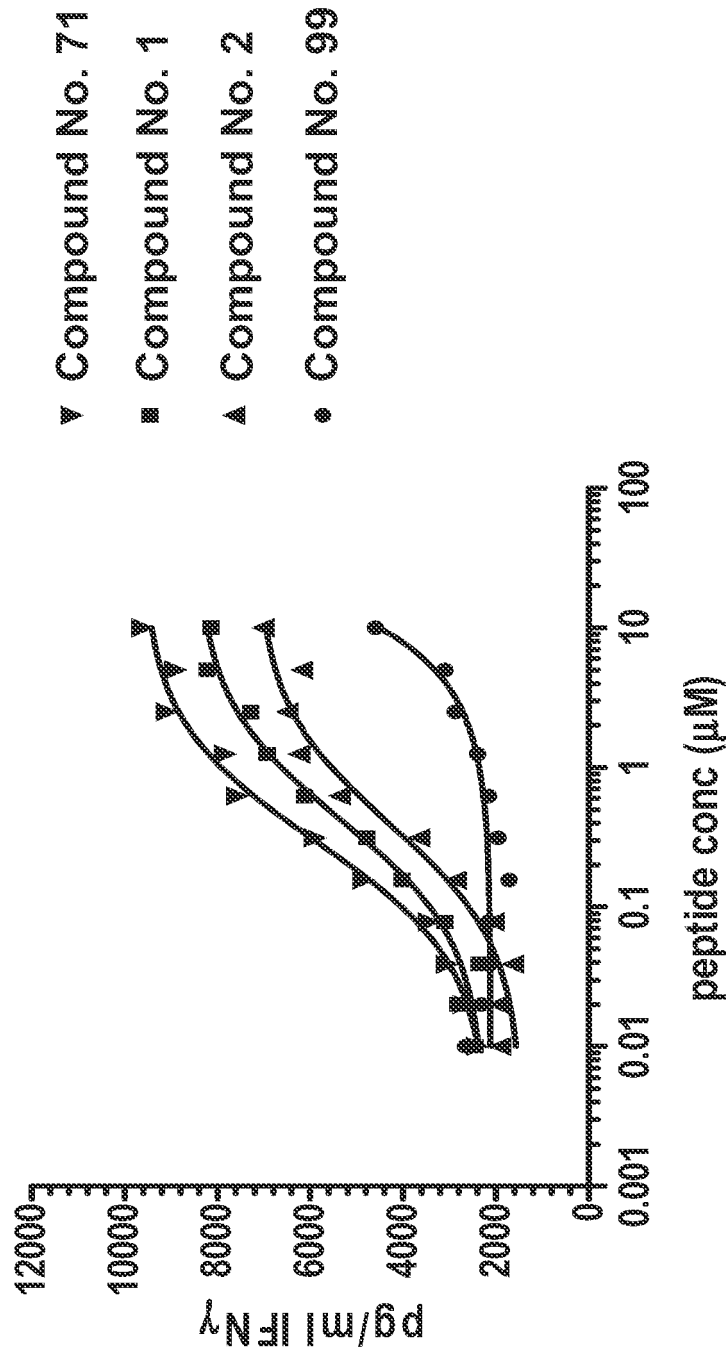


FIG. 10C

		Inhibitor				
		α PD-L1 (MDX-1105)	Compound No. 71	Compound No. 1	Compound No. 2	Compound No. 99
EC ₅₀ , nM		0.600	300	400	400	>10,000

FIG. 11

Inhibitor:						
Antigen:	α PD-L1			Compound No. 71		DMSO control
	Mean	Fold		Mean	Fold	Mean
HIV-GAG Pool 1	258.0	1.0		291.0	1.1	271.0
HIV-GAG Pool 2	105.0	21.0		56.5	11.3	5.0
HIV-GAG Pool 3	38.0	0.6		55.0	0.9	64.5
HIV-GAG Pool 4	216.0	1.6		157.0	1.2	132.5
HIV-GAG Pool 5	32.5	0.5		94.5	1.4	65.5
HIV-GAG Pool 6	448.0	0.9		470.5	0.9	506.5