

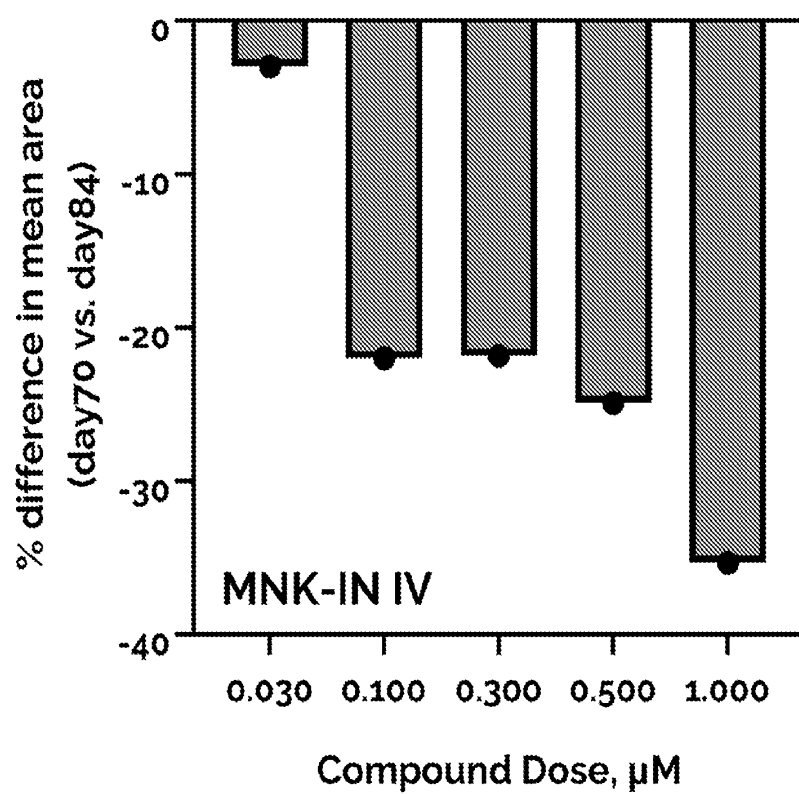


FIG. 1

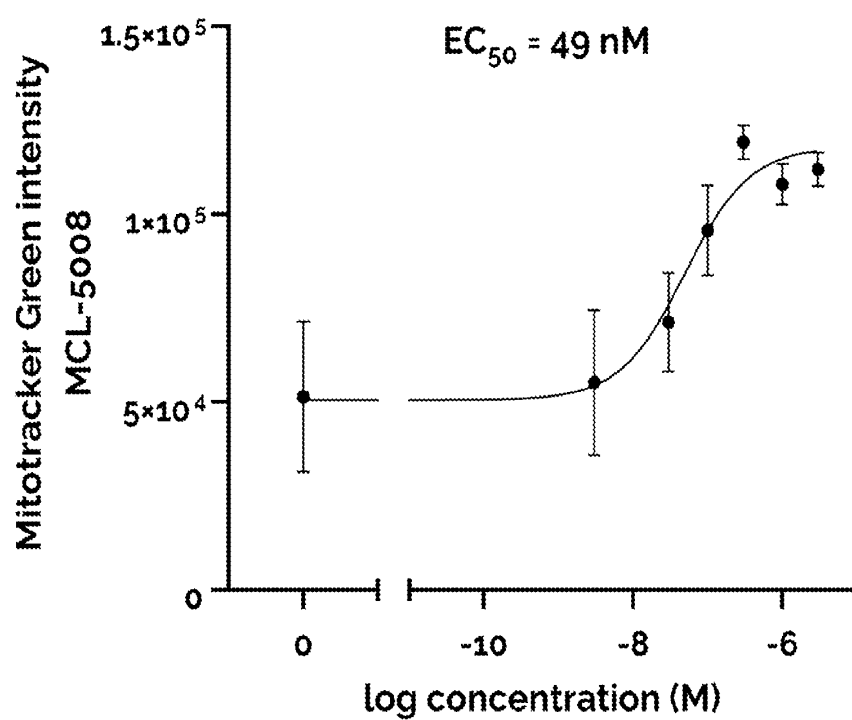


FIG. 2

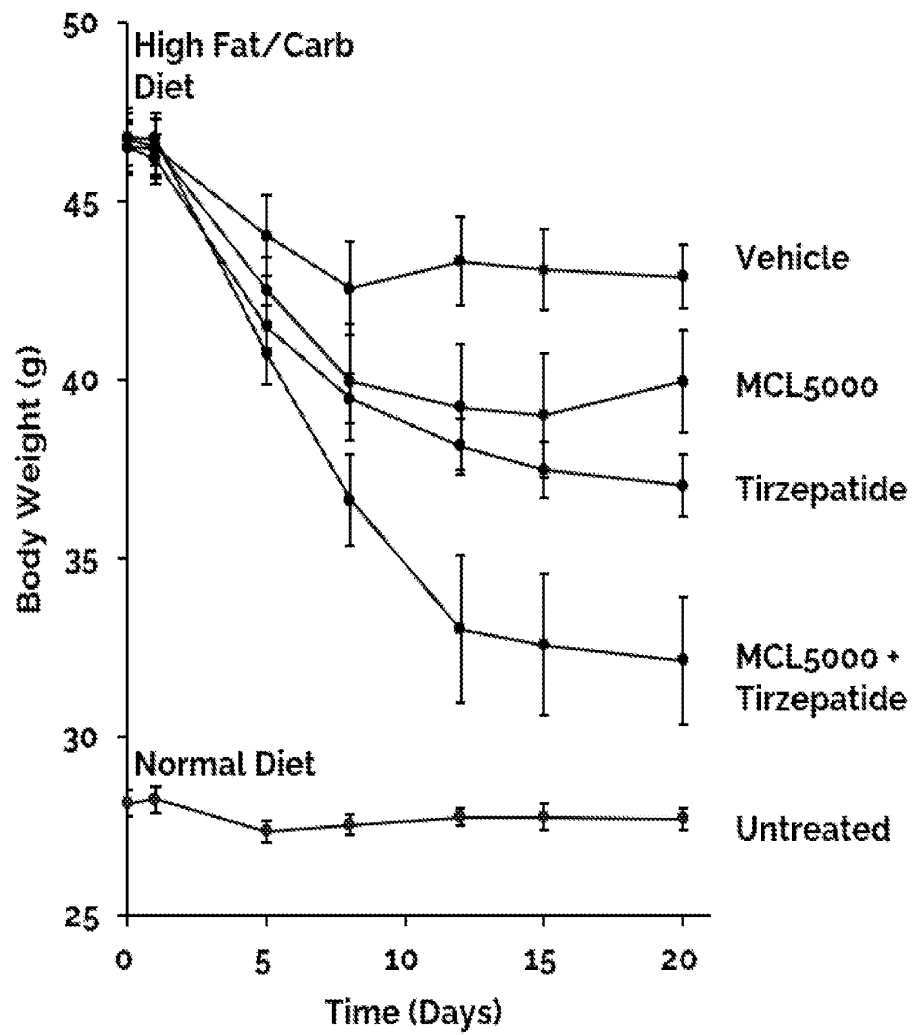


FIG. 3

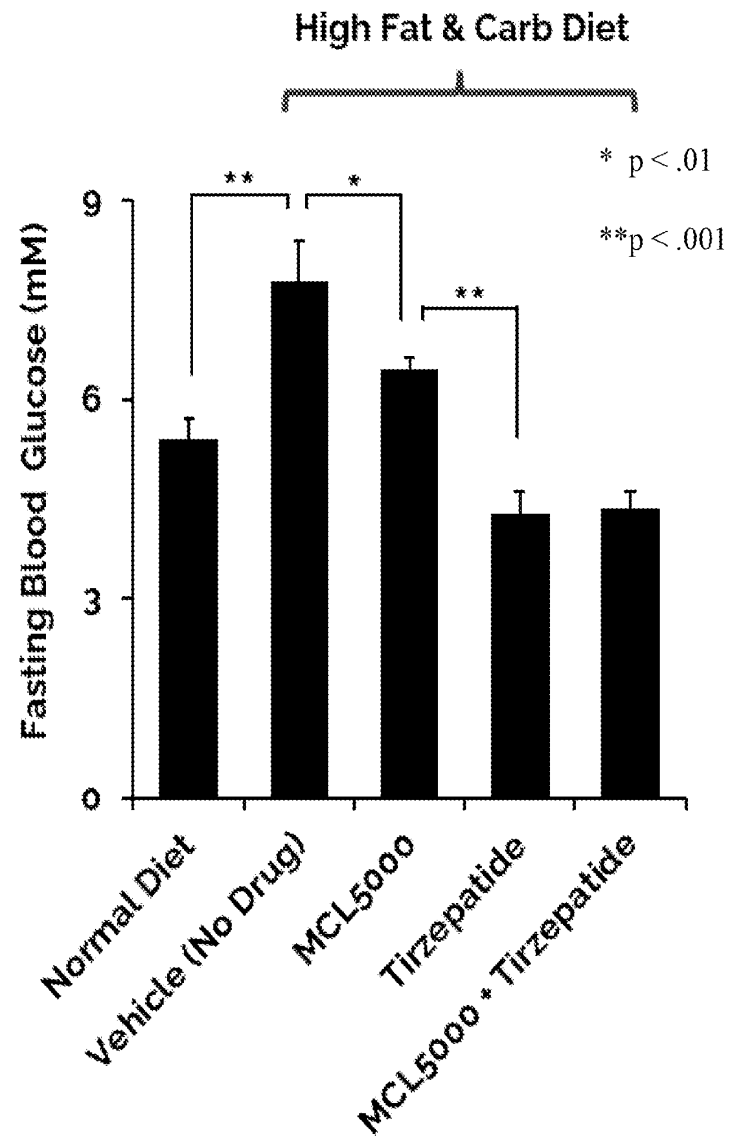


FIG. 4

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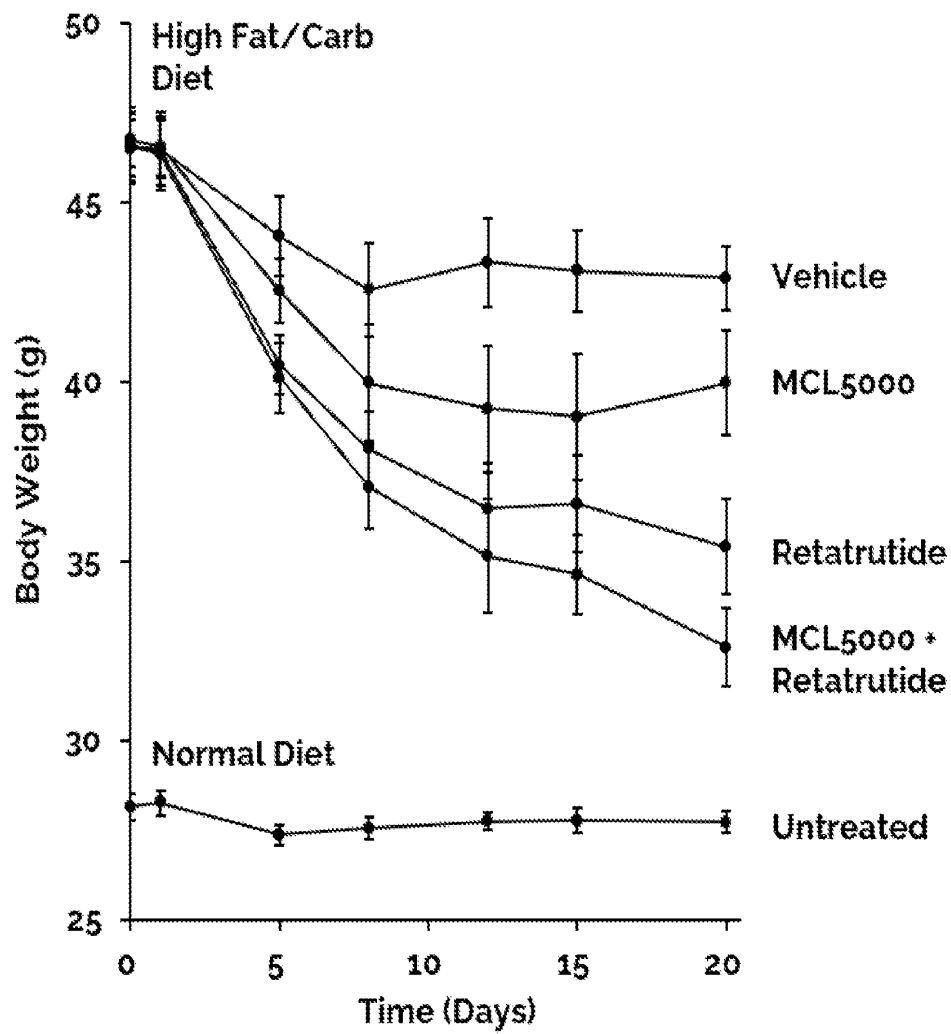


FIG. 5

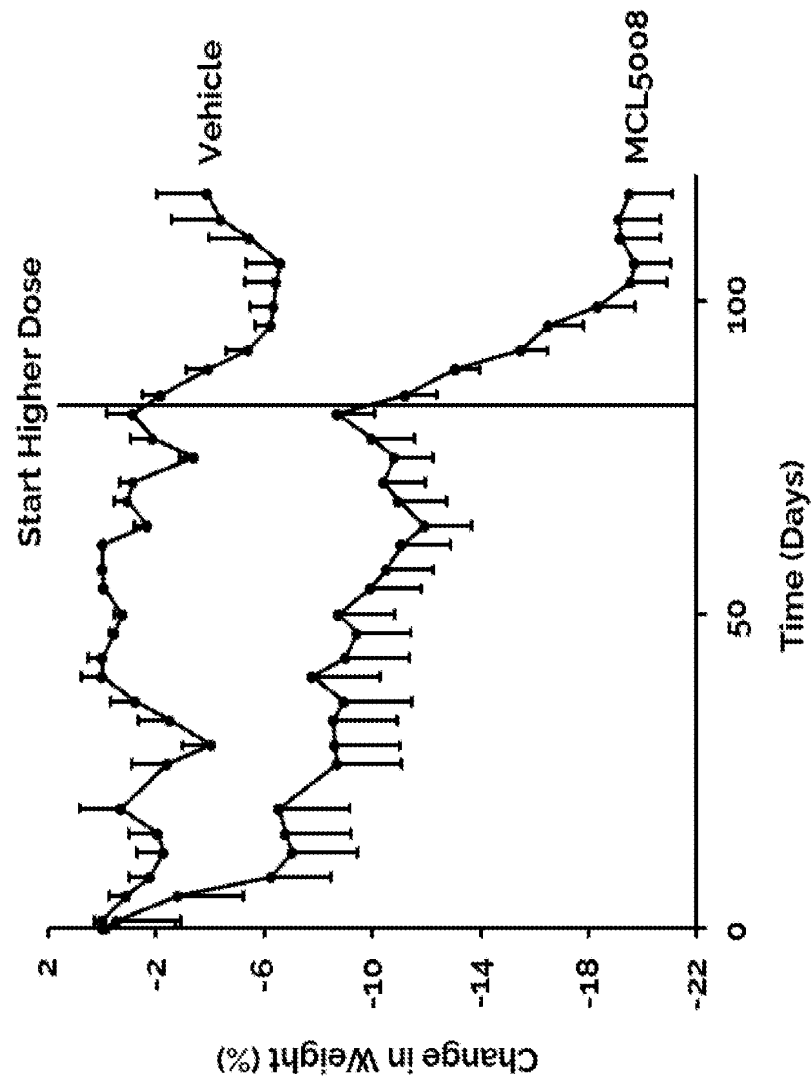


FIG. 6

Study Design

- High fat & carb diet
- MCL5008
 - n = 8 animals
 - PO dosing
 - Days 1-82: 20mg/kg QD
 - Days 83-117: 30 mg/kg BID
- Water vehicle
- 16% vehicle adjusted weight difference

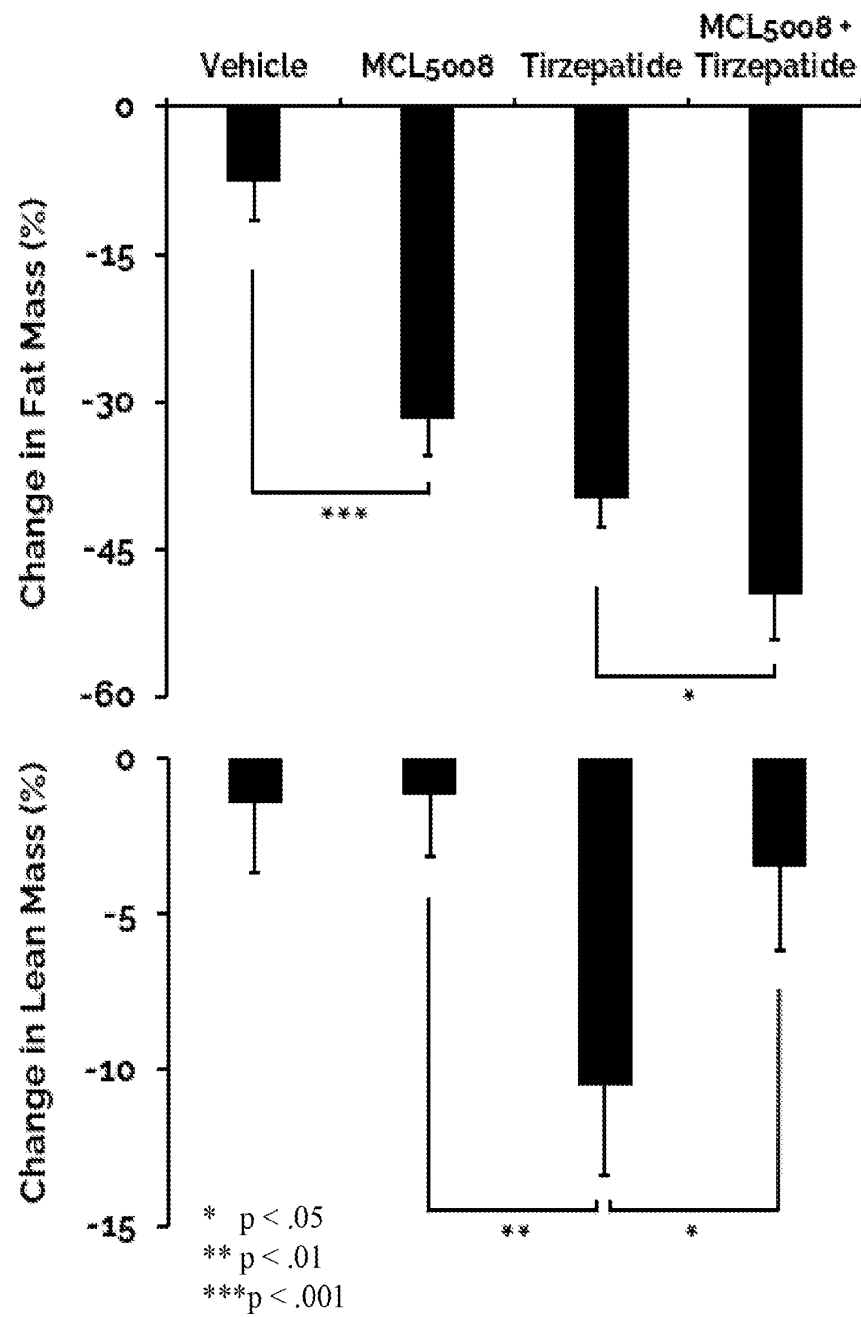


FIG. 7

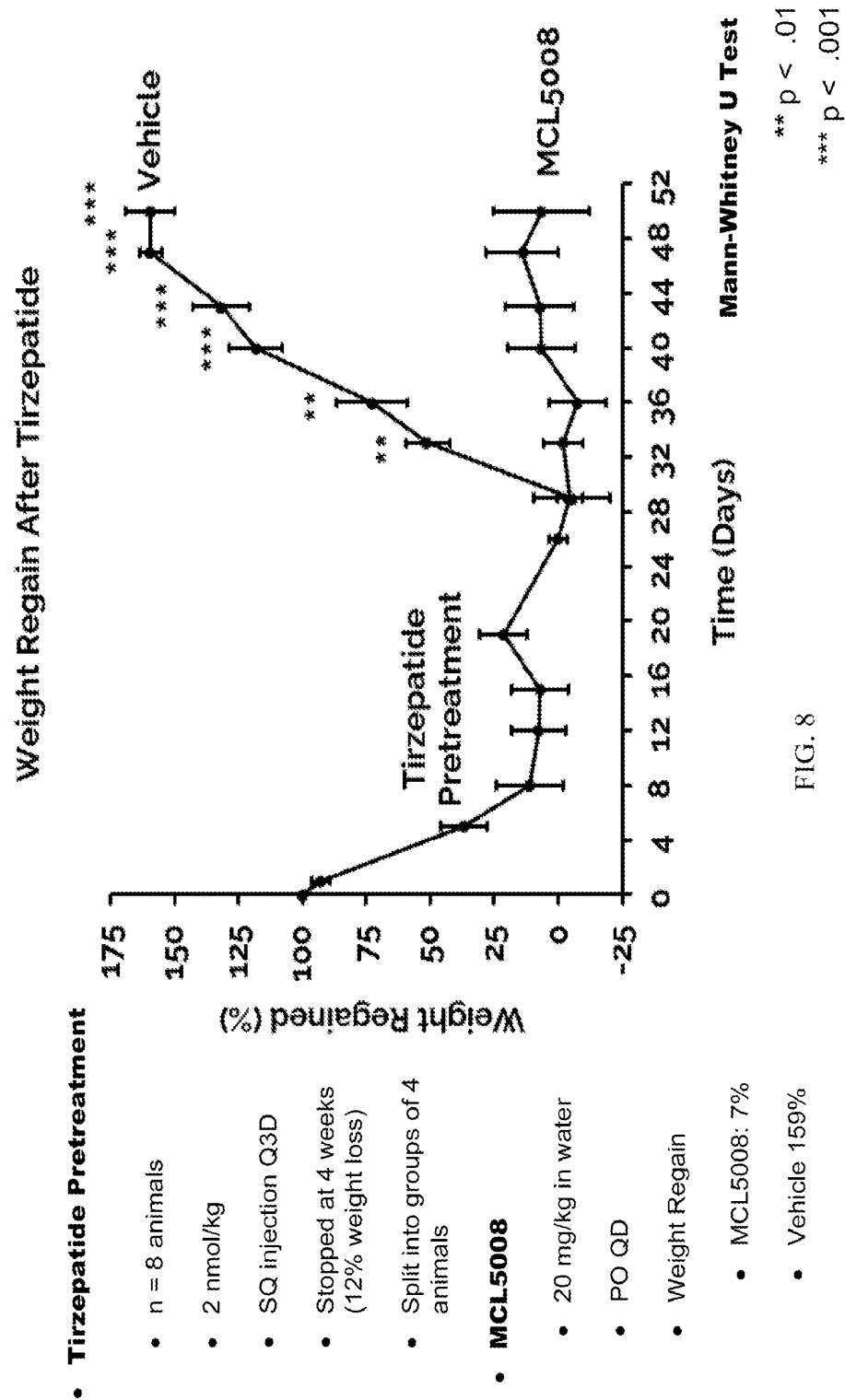
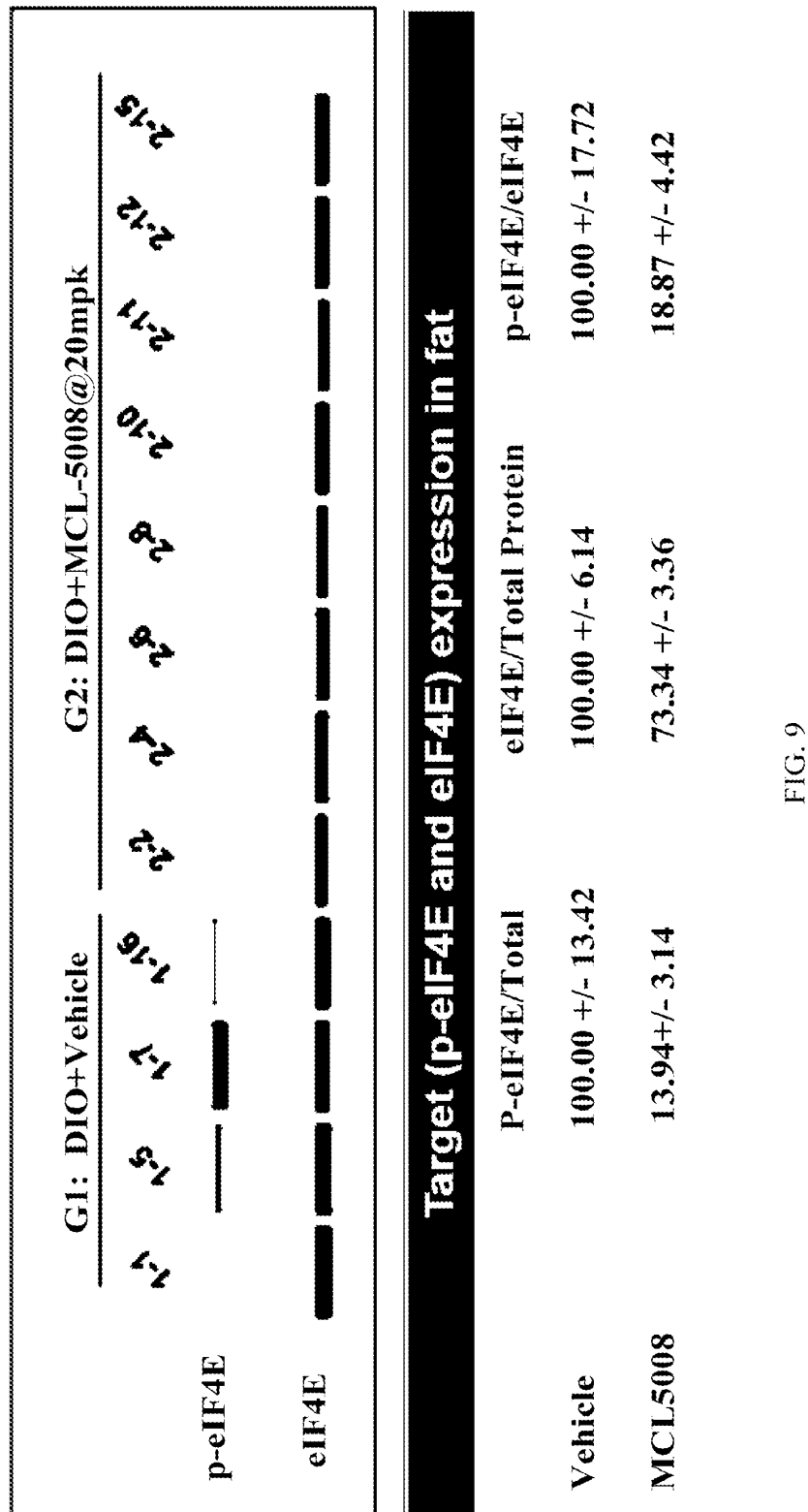


FIG. 8



MCL5008	Tissue	Concentration (ng/mL)
Young mice: Dose 20mg/kg/QD, n=8, 21 days (tissues collected 2hr after last dose on day 21)	Plasma	6826 $\pm$ 2170
	Brain	284 $\pm$ 130
	Brain/plasma ratio	0.04 $\pm$ 0.007
	Fat	2990 $\pm$ 2080
	Fat/plasma ratio	0.4 $\pm$ 0.19
Aged mice: Dose 20 mg/kg/QD (82 day) and 30mg/kg/BID, 35 days (from day 83 – 118, tissues collected 2hr after last dose on day 118), n= 8	Plasma	13,157 $\pm$ 2022
	Brain	852 $\pm$ 189
	Brain/plasma ratio	0.06 $\pm$ 0.01

FIG. 10

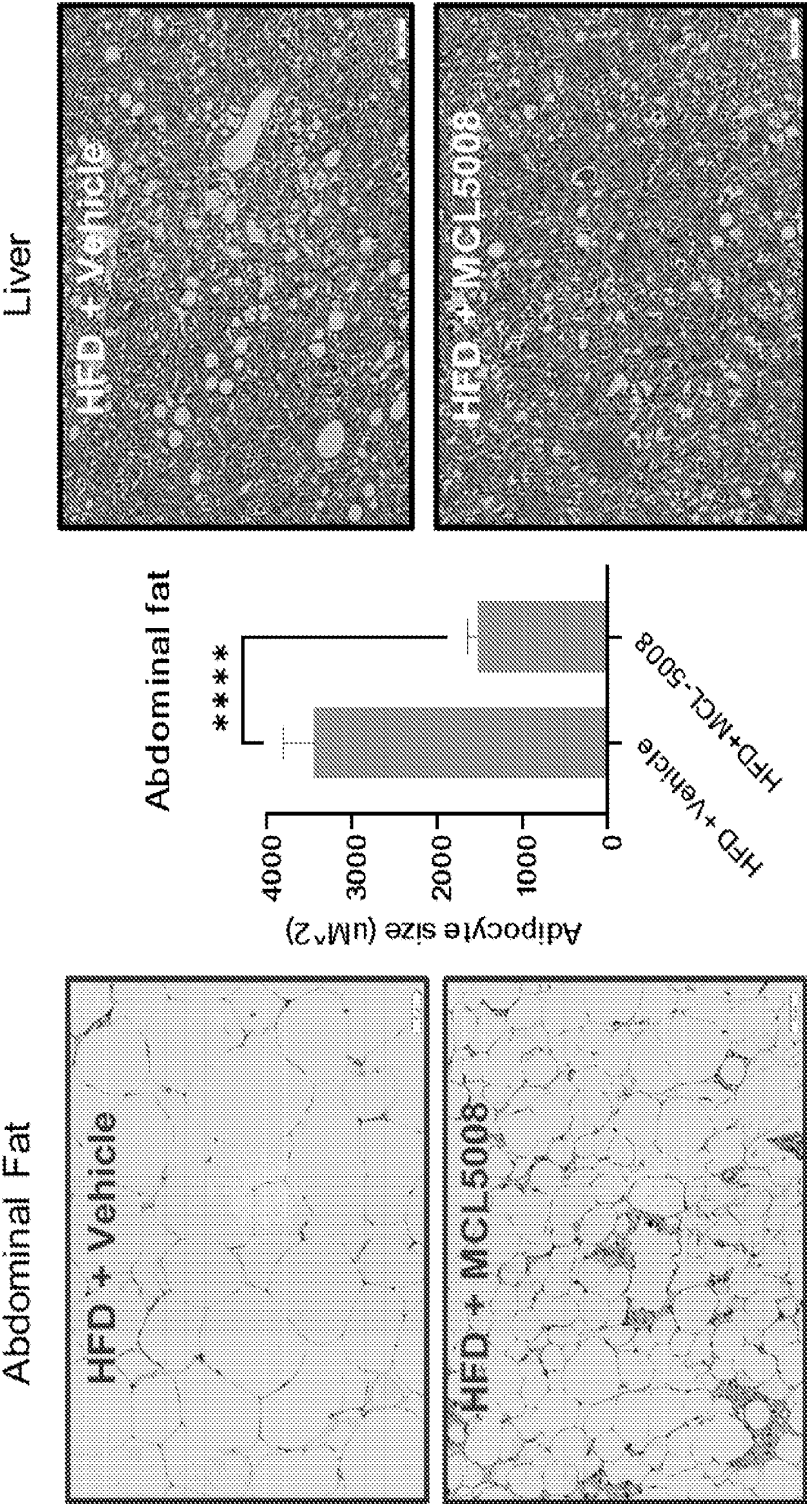


FIG. 11

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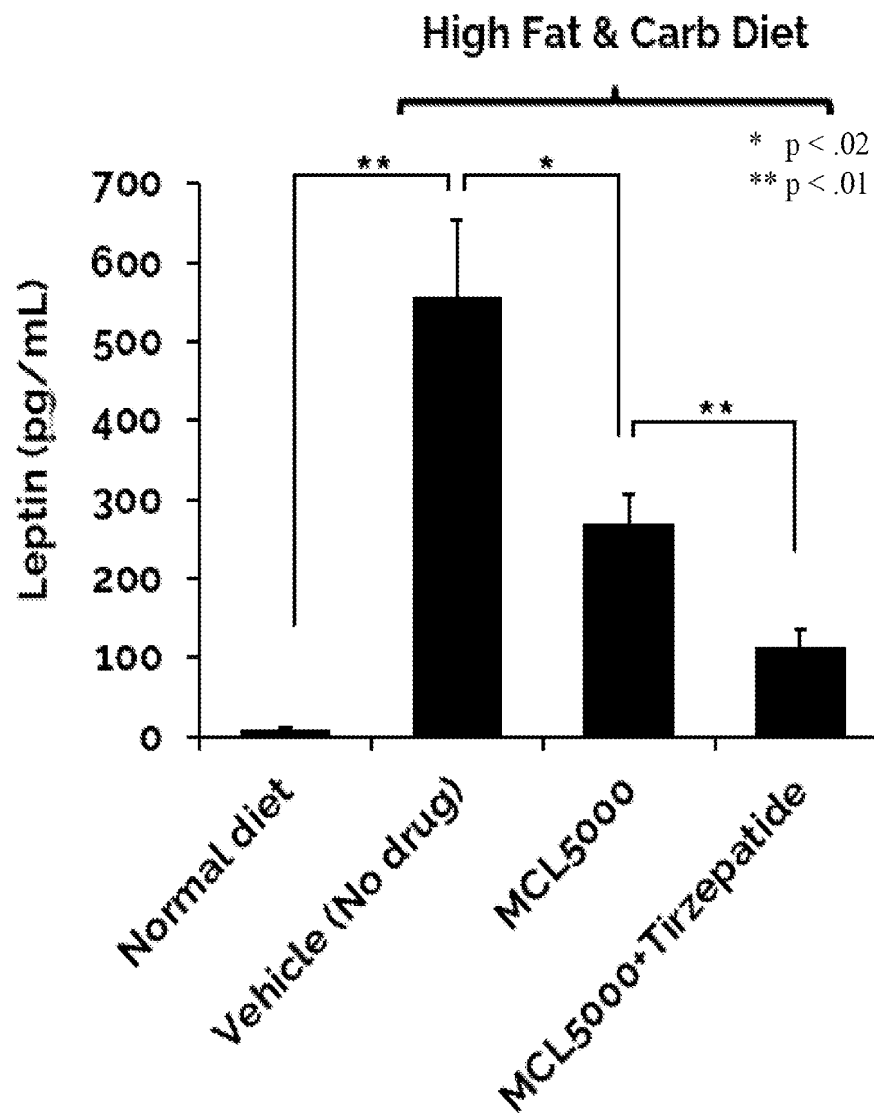


FIG. 12

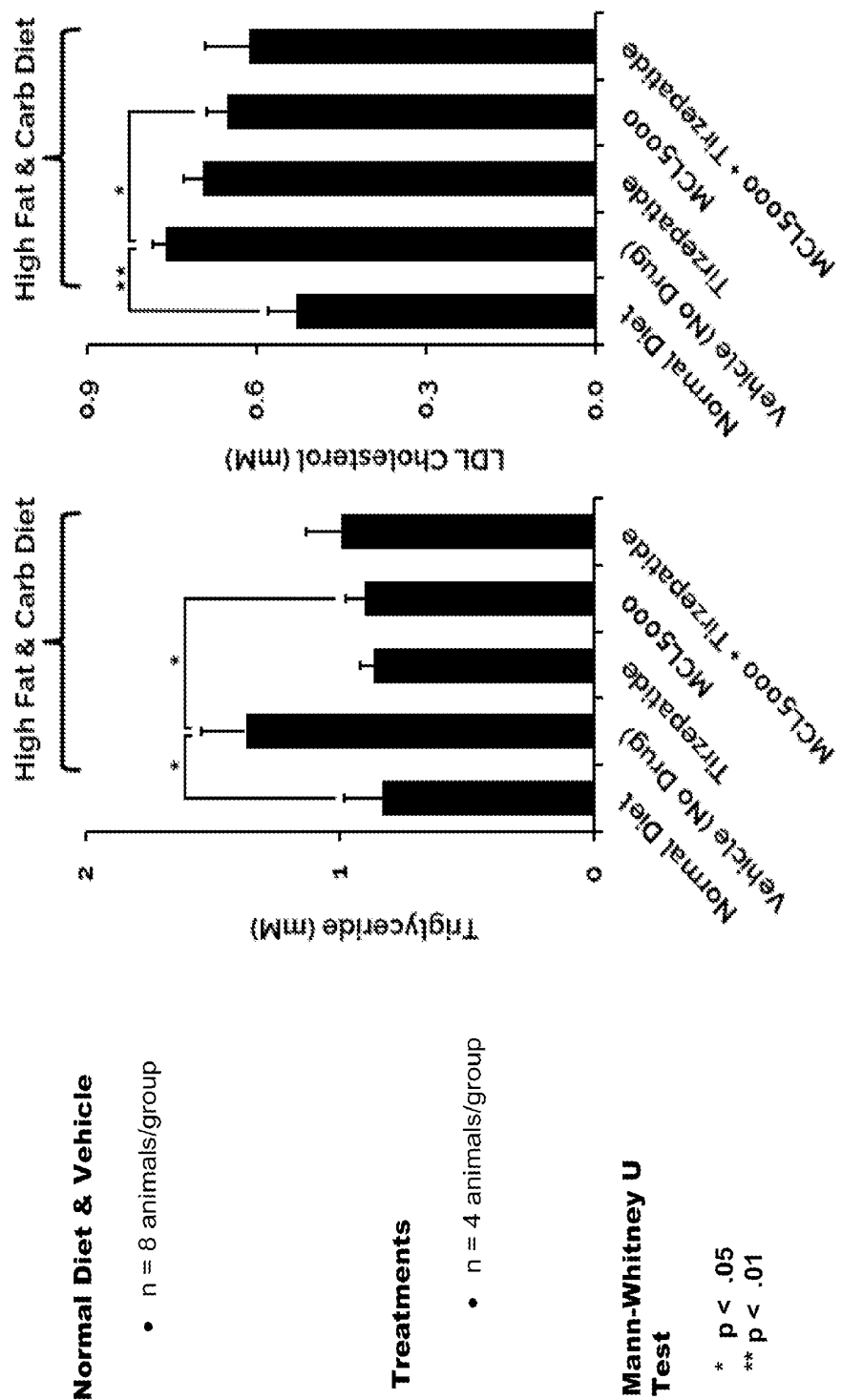


FIG. 13

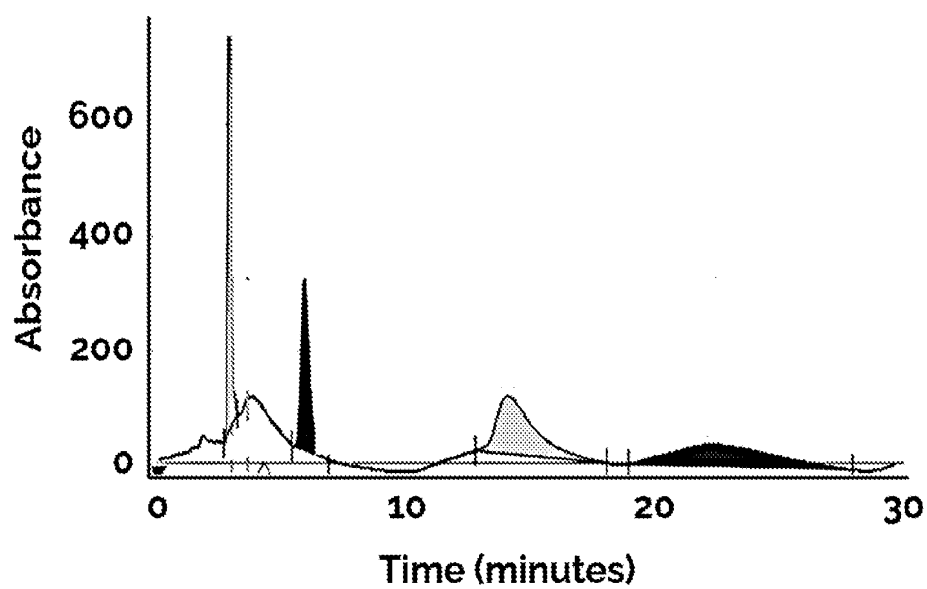


FIG. 14