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FIG. 1

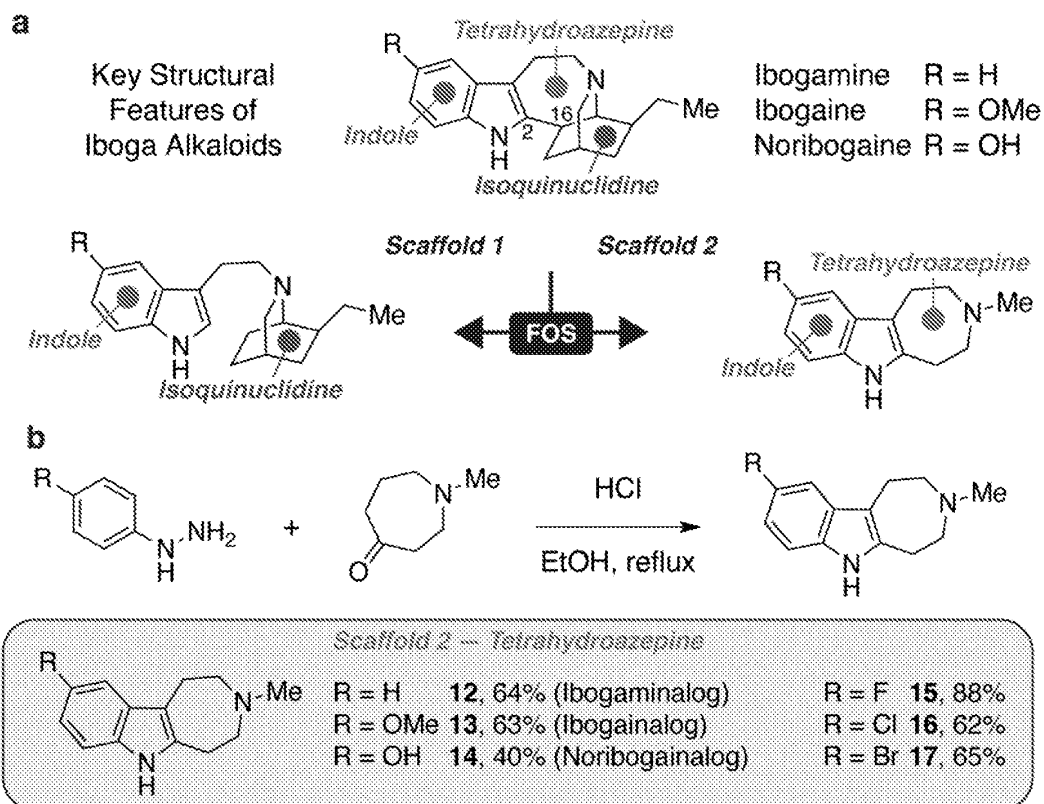


FIG. 2

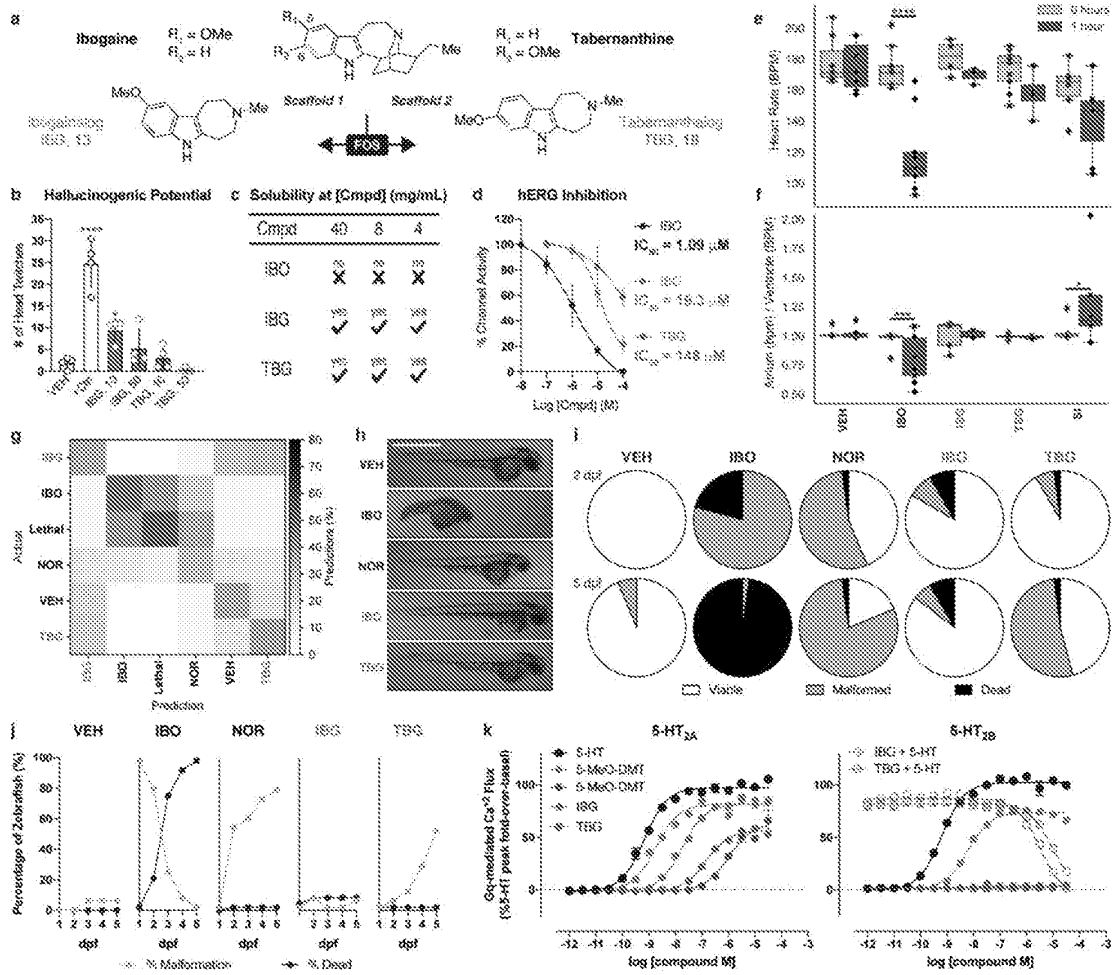
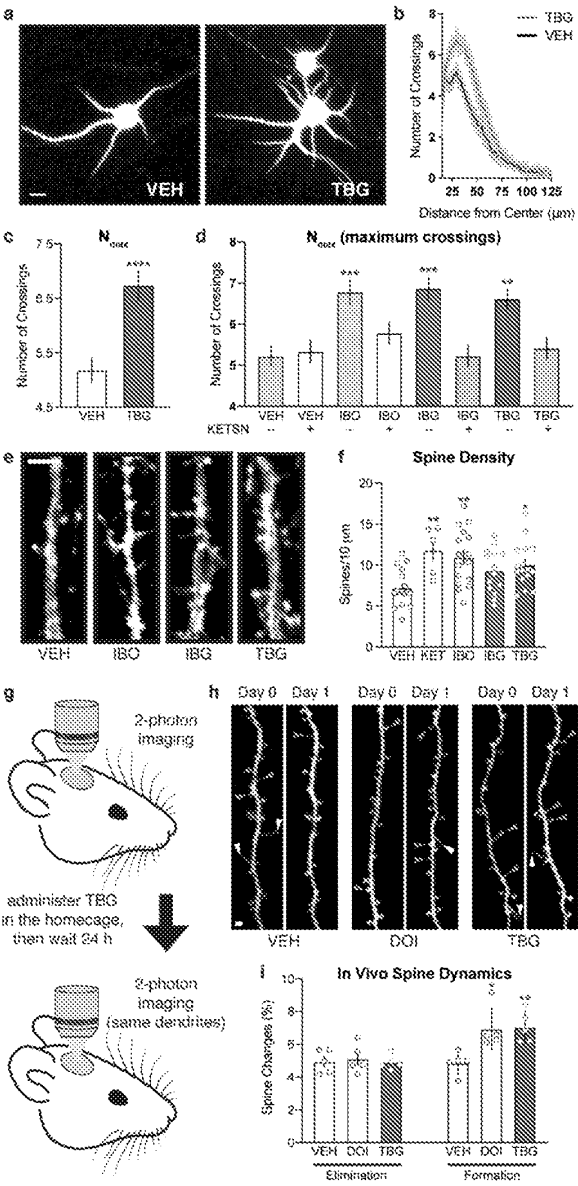


FIG. 3



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FIG. 4

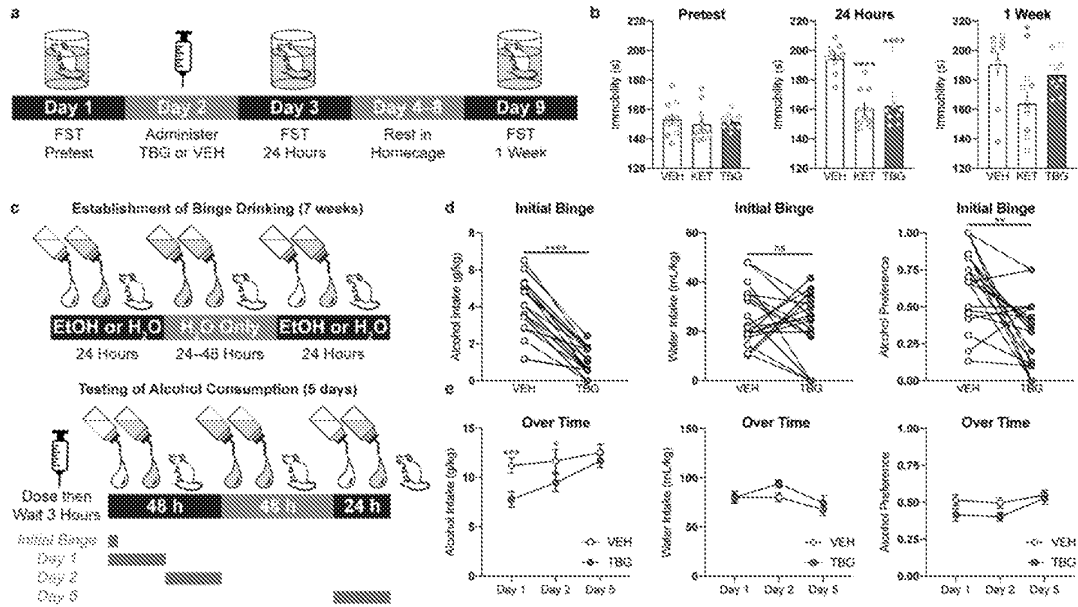


FIG. 5

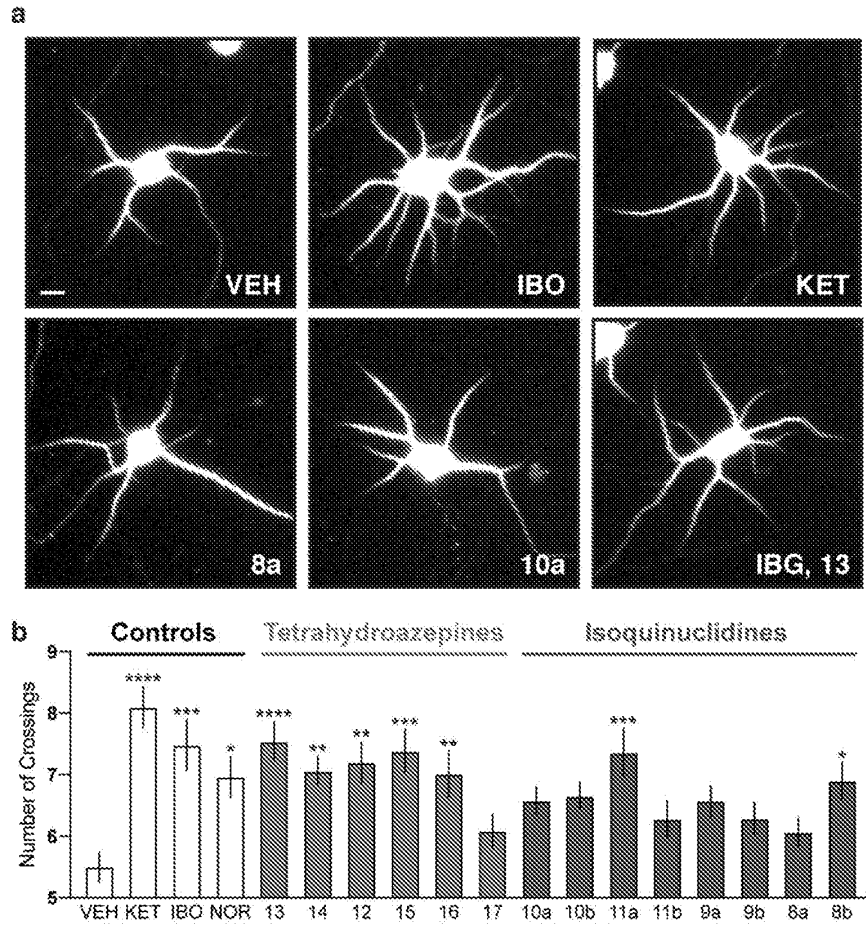
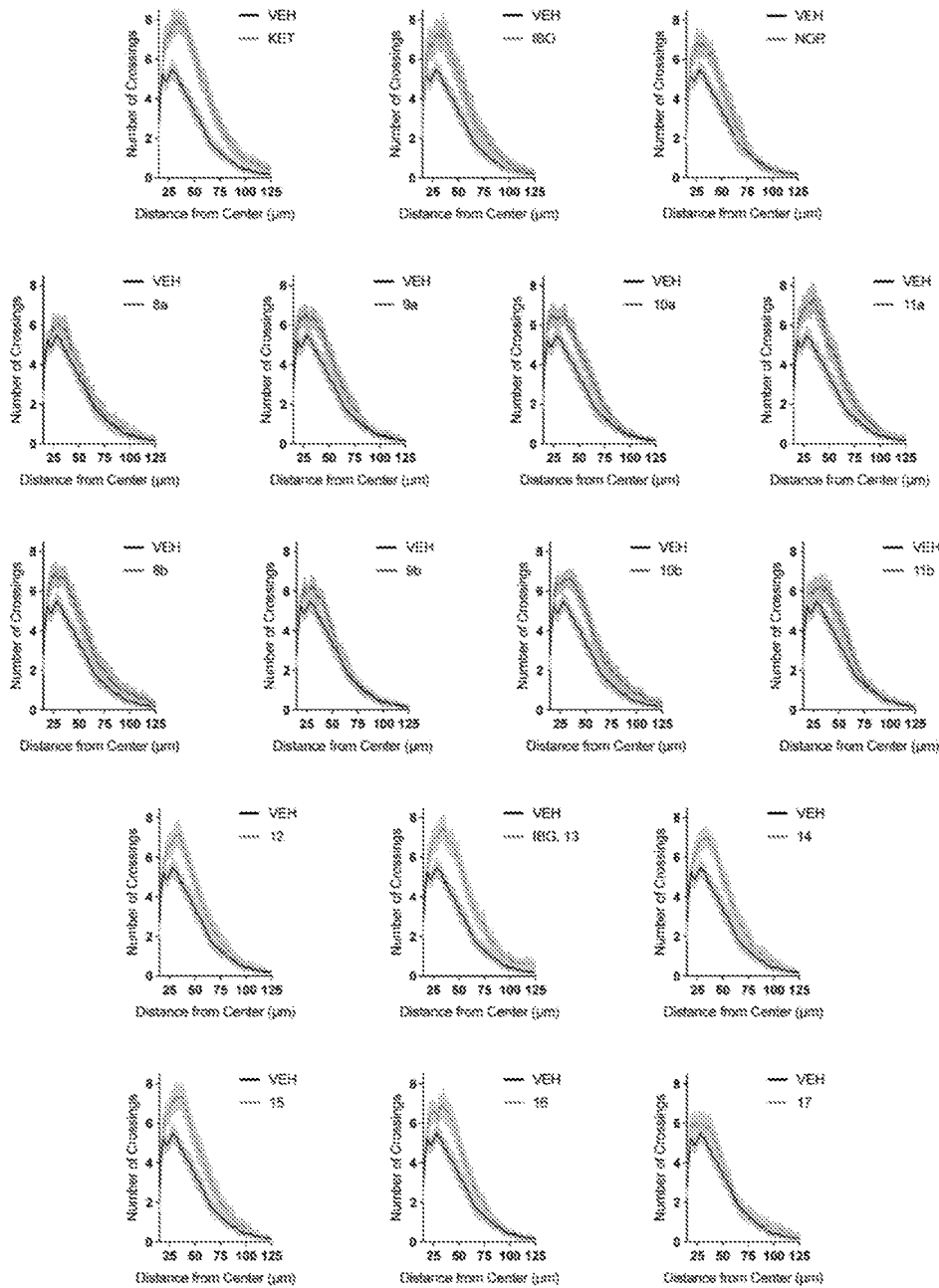


FIG. 6



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FIG. 7

Vehicle Conditions	Concentration	Soluble?
Saline + 10% EtOH + 10% DMSO	40 mg/ml	NO 
Saline + 10% EtOH	8 mg/ml	NO 
Saline + 10% DMSO	8 mg/ml	NO 
Saline + 10% EtOH + 10% DMSO	8 mg/ml	NO 
Saline + 10% EtOH + 10% Kolliphor	8 mg/ml	NO 
Saline + 10% EtOH + 20% Kolliphor	8 mg/ml	NO 
Saline + 10% EtOH + 25% Kolliphor	8 mg/ml	NO 
Saline + 10% EtOH + 30% Kolliphor	8 mg/ml	NO 
Saline + 10% EtOH + 40% Kolliphor	8 mg/ml	NO 
Saline + 10% DMSO + 10% Kolliphor	8 mg/ml	NO 
Saline + 10% DMSO + 25% Kolliphor	8 mg/ml	NO 
Saline + 10% DMSO + 15% Glycerol	8 mg/ml	NO 
Saline + 10 mM ATP	8 mg/ml	NO 
Saline + 10% DMSO	4 mg/ml	NO 
Saline + 10% DMSO + 25% Kolliphor	4 mg/ml	NO 
Saline + 10% DMSO	1 mg/ml	YES 

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FIG. 8

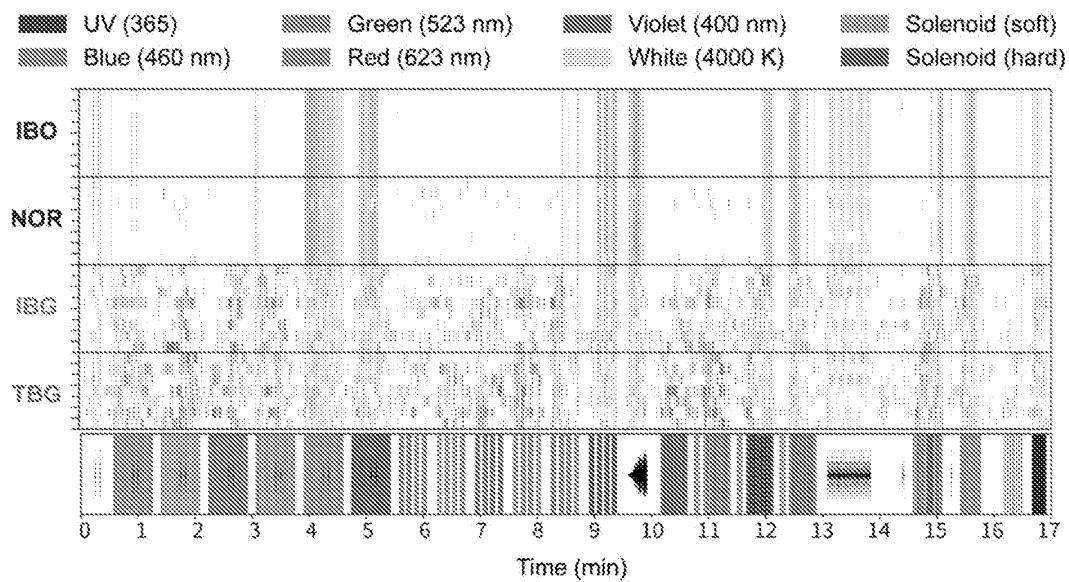
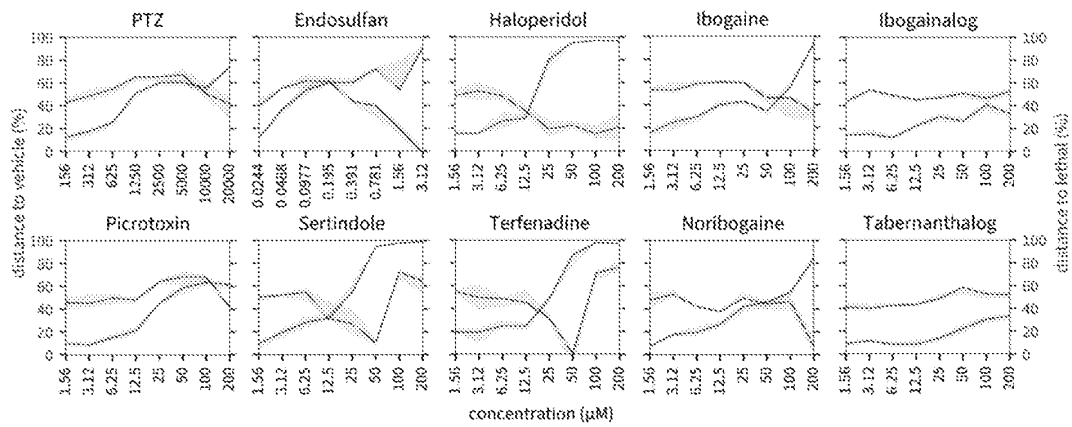
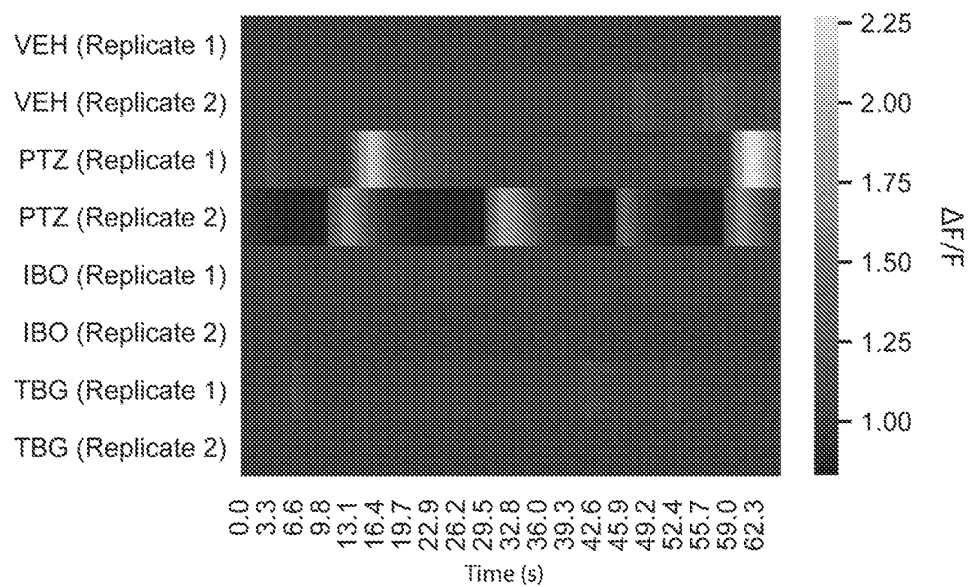


FIG. 9



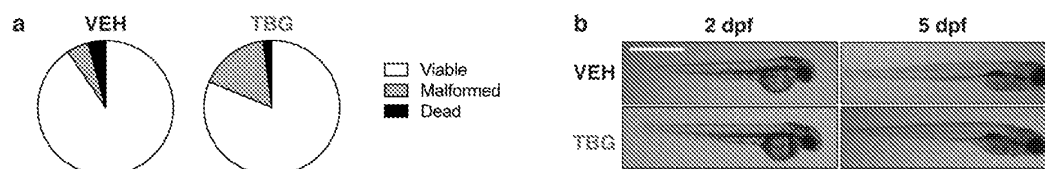
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FIG. 10



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FIG. 11



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FIG. 12

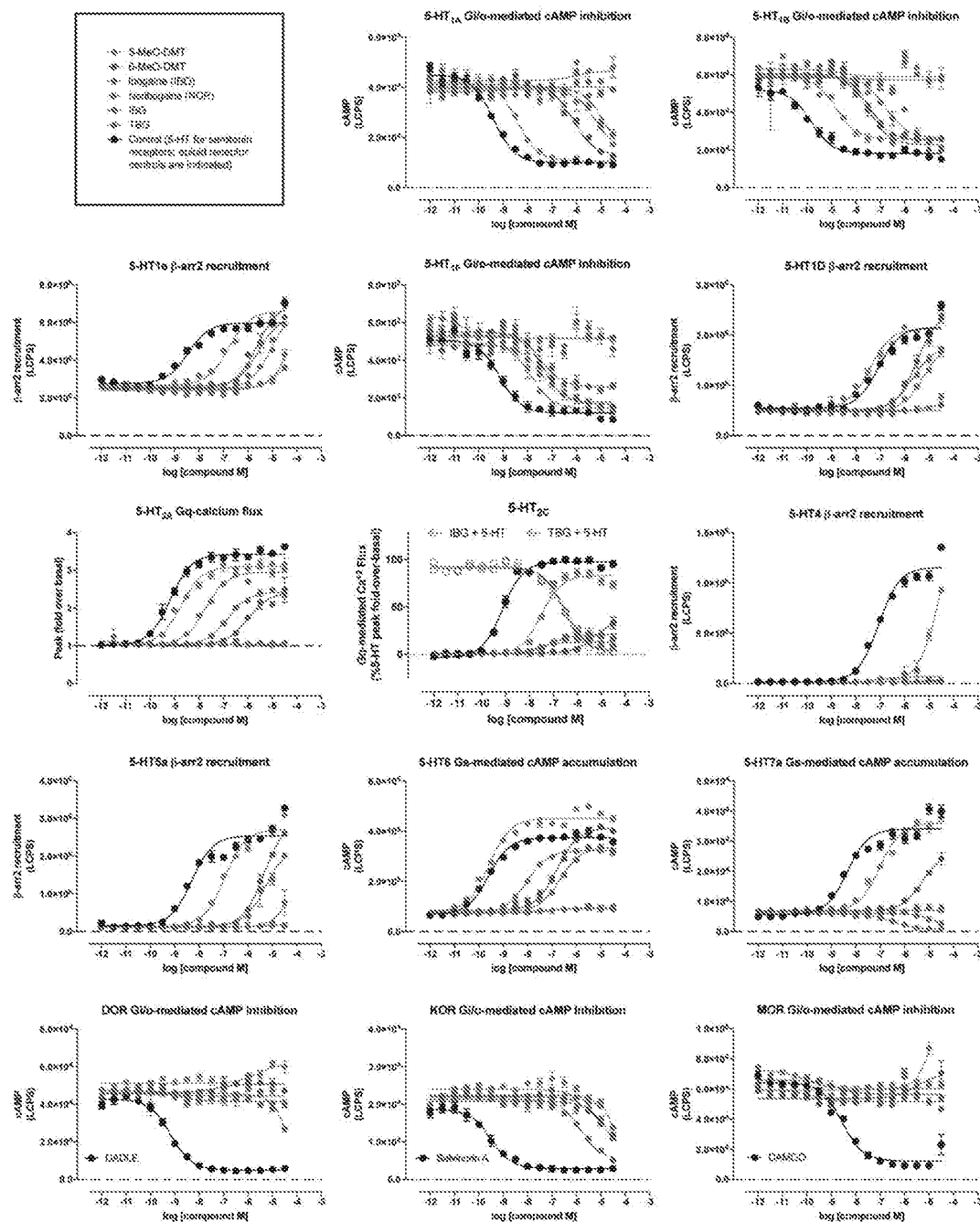


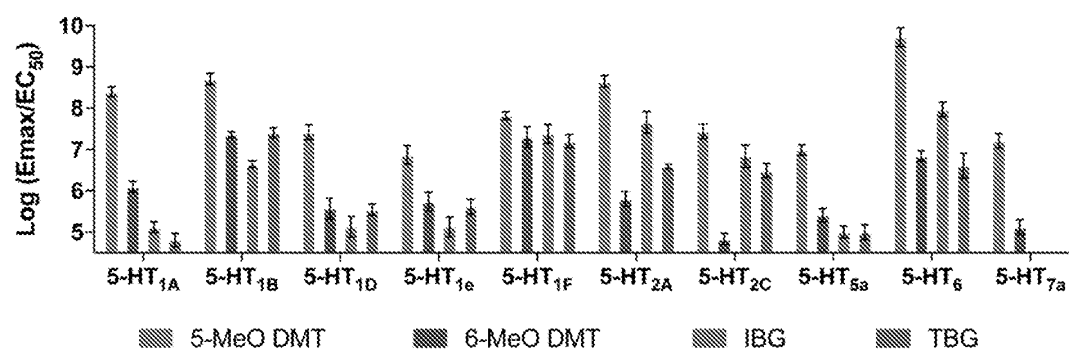
FIG. 13

Target Receptor	5-MeO-DMT		6-MeO-DMT		IBG		TBG		IBO		NOR	
	EC50 (nM)	Emax % Control	logEmax (EC50)	EC50 (nM)	Emax % Control	logEmax (EC50)	EC50 (nM)	Emax % Control	logEmax (EC50)	EC50 (nM)	Emax % Control	logEmax (EC50)
5-HT1A	2.92	98	8.40	753.50	81	8.10	9911.00	91	8.12	14600.00	89	4.81
5-HT1B	1.53	78	8.71	32.08	86	7.38	120.60	79	6.60	33.88	82	7.43
5-HT1D	37.61	96	7.42	3268.00	120	5.67	6043.90	92	5.13	2180.00	76	5.54
5-HT1E	189.20	119	6.97	2293.00	131	5.74	9009.00	105	5.13	2794.00	117	5.82
5-HT1F	13.00	93	7.92	44.50	88	7.30	35.10	85	7.38	40.40	84	7.20
5-HT2A	1.85	82	8.86	1203.00	63	5.80	18.10	82	7.86	147.50	67	8.39
5-HT2B	7.67	73	8.96	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive
5-HT2C	30.70	94	7.44	628.00	96	4.00	19.00	13	8.34	88.00	21	8.48
5-HT2D	>10,000	N.D.	<5.00	>10,000	N.D.	<5.00	>10,000	N.D.	<5.00	>10,000	N.D.	<5.00
5-HT2E	119.30	107	6.49	4863.00	117	6.41	>10,000	N.D.	<5.00	>10,000	N.D.	<5.00
5-HT6	0.24	126	8.72	182.50	113	8.54	8.80	43	7.97	214.00	87.5	6.81
5-HT7A	65.70	107	7.21	2451.00	73	5.12	313.00	47	N.D.	>10,000	N.D.	N.D.
MDZ	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive
KOR	Inactive	Inactive	Inactive	>10,000	N.D.	<5.00	>10,000	N.D.	<5.00	>10,000	N.D.	<5.00
OPR	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	>10,000	N.D.	>10,000

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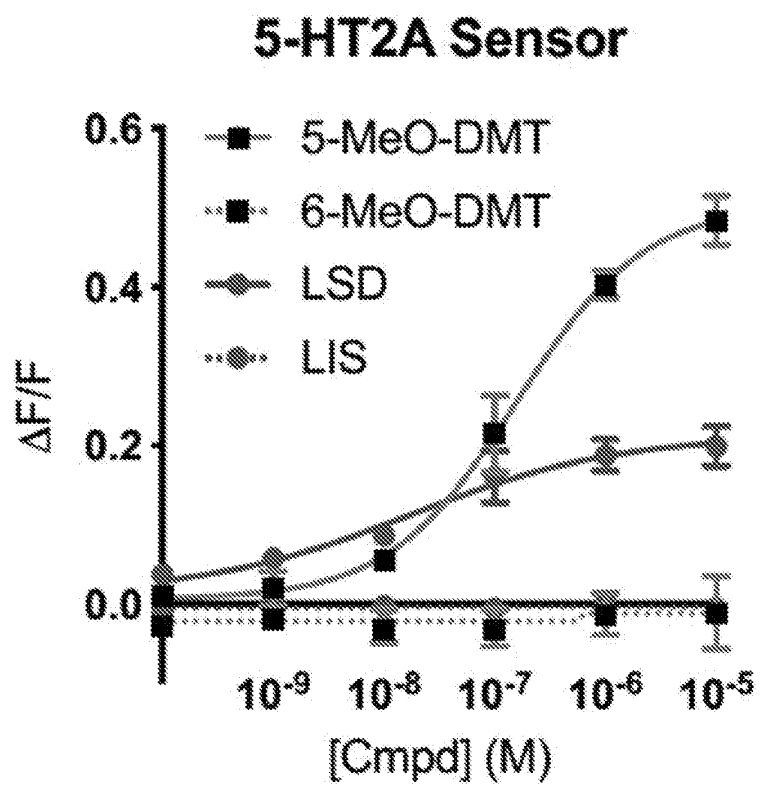
FIG. 14

5-HT Receptor Activity



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FIG. 15



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FIG. 16

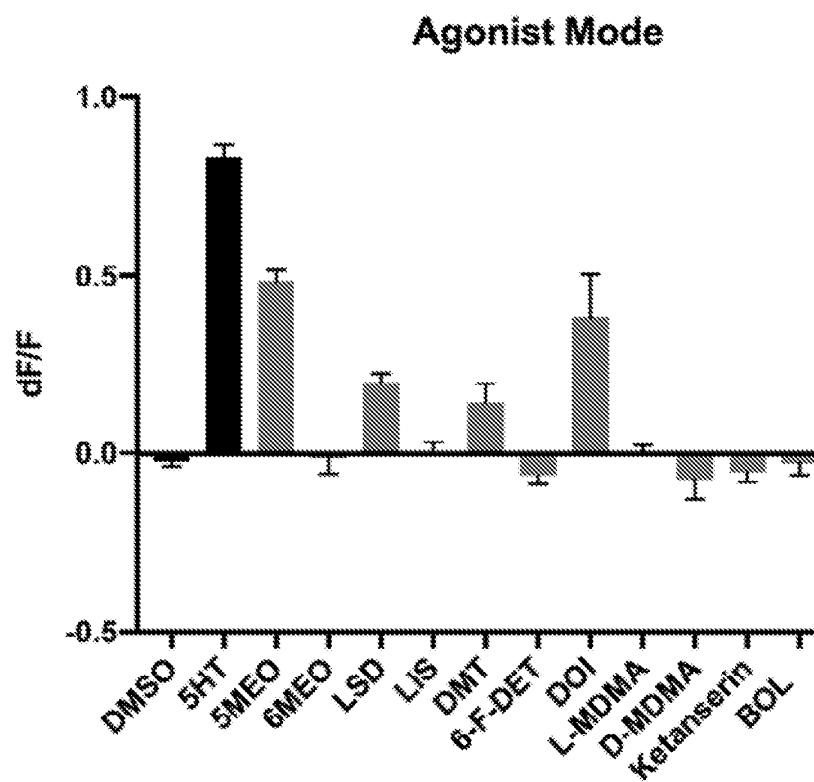
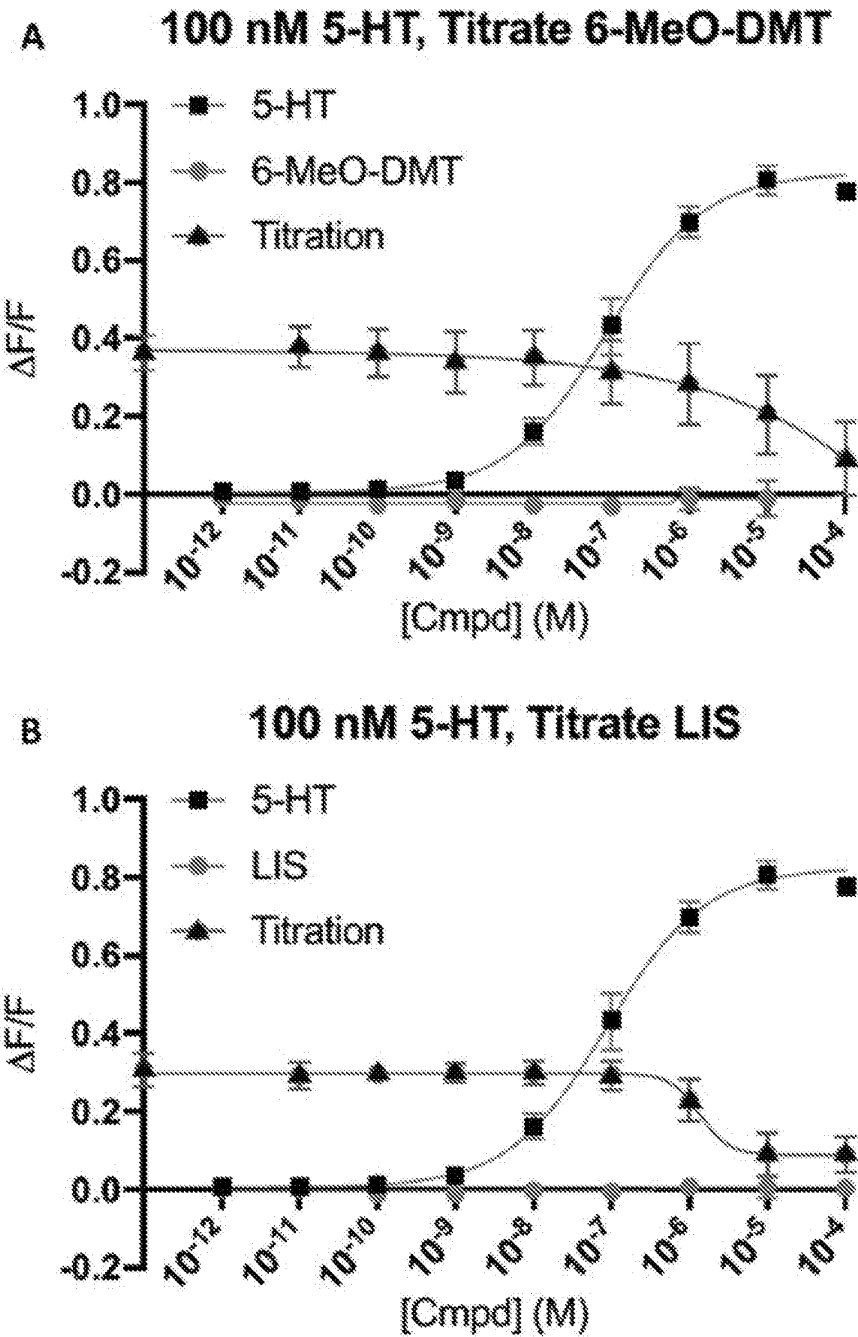


FIG. 17



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FIG. 18

