

Table 3: MRI Drug study - Scan set 3

Scale: Structured =light = higher L value; Free = low L value

Compound	Solvent	Dosage	Molarity	L Value	Position
Sucrose	PVOh	.0005M	5.0×10^{-4}	65.97	16
Sucrose	PVOh	.001M	1.0×10^{-3}	65.82	17
Celebrex	PVOh	.001M	1.0×10^{-3}	64.64	15
Dextrose	PVOh	.0005M	5.0×10^{-4}	63.57	18
Pure PVOh	PVOh		48.9	58.75	3
Caffeine	PVOh	dose 200	2.2×10^{-4}	57.00	4
Pure Water	water		55	56.80	10
Phenobarbital	water	.001M	1.0×10^{-3}	55.91	9
Phenobarbital	PVOh	.001M	1.0×10^{-3}	54.65	2
Celebrex	PVOh	.0005M	5.0×10^{-4}	54.65	14
Caffeine	water	dose 200	2.2×10^{-4}	54.44	11
Caffeine	PVOh	.0005M	5.0×10^{-4}	52.40	5
Dextrose	PVOh	.001M	1.0×10^{-3}	48.28	19
Phenobarbital	water	.0005M	5.0×10^{-4}	48.08	8
Celebrex	water	.001M	1.0×10^{-3}	45.07	21
Glycerine	PVOh	.0005M	5.0×10^{-4}	44.54	7
Sucrose	water	.001M	1.0×10^{-3}	44.02	22
Caffeine	water	.0005M	5.0×10^{-4}	42.52	12
Sucrose	water	.0005M	5.0×10^{-4}	42.35	23
Phenobarbital	PVOh	.0005M	5.0×10^{-4}	42.32	1
Caffeine	PVOh	.001M	1.0×10^{-3}	39.39	6
Celebrex	water	.0005M	5.0×10^{-4}	37.34	20
Dextrose	water	.0005M	5.0×10^{-4}	35.00	24
Caffeine	water	.001M	1.0×10^{-3}	32.04	13
Water	water		55	30.21	Index
Dextrose	water	.001M	1.0×10^{-3}	28.84	25

Background = 26.01

Clear Background = 66.06