

Table 2: MRI Drug study - Scan set 2

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

<u>Compound</u>	<u>Solvent</u>	<u>Dosage</u>	<u>Molarity</u>	<u>L Value</u>	<u>Position</u>
Citric acid	PVOh	.0005M	5.0 x 10 ⁻⁴	65.02	10
Acetomenophen	PVOh	650	9.0 x 10 ⁻⁴	64.43	11
Acetomenophen	PVOh	1000	1.4 x 10 ⁻³	64.13	17
Caffeine	PVOh	.0005M	5.0 x 10 ⁻⁴	63.92	16
Fluoxetine	PVOh	60	3.6 x 10 ⁻⁵	62.89	21
Acetomenophen	PVOh	.0005M	5.0 x 10 ⁻⁴	62.39	22
Ibuprophen	PVOh	.0005M	5.0 x 10 ⁻⁴	62.21	23
Ibuprophen	PVOh	800	8.1 x 10 ⁻⁴	54.63	18
Fluoxetine	PVOh	20	1.2 x 10 ⁻⁵	54.37	15
Tamoxifen	PVOh	20	1.1 x 10 ⁻⁵	47.61	8
Ibuprophen	PVOh	300	3.0 x 10 ⁻⁴	47.43	12
Aspirin	PVOh	.0005M	5.0 x 10 ⁻⁴	45.57	24
Fluoxetine	PVOh	.0005M	5.0 x 10 ⁻⁴	44.92	20
Vitamin C	PVOh	.0005M	5.0 x 10 ⁻⁴	37.41	14
Fluoxetine	water	60	3.6 x 10 ⁻⁵	37.31	9
Aspirin	PVOh	325	3.8 x 10 ⁻⁴	36.02	19
Acetomemophen-water		1000	1.4 x 10 ⁻³	35.98	4
Pure water			55	35.83	3
Ibuprophen	water	800	8.1 x 10 ⁻⁴	33.66	5
Fluoxetine	water	20	1.2 x 10 ⁻⁵	33.28	2
Pure	PVOh		48.9	32.05	7
Aspirin	PVOh	2000	2.3 x 10 ⁻³	30.00	25
Tamoxifen	water	20	1.1 x 10 ⁻⁵	29.05	1
Aspirin	water	325	3.8 x 10 ⁻⁴	28.44	6
Aspirin	water	2000	2.3 x 10 ⁻³	27.33	13
Water index			55	26.84	Index

Background = 26.28

Clear Background = 66.06