

Table I

Compound Class	Compound	Mechanism	0.5 dpi Score	1 dpi Score	2 dpi Score	4 dpi Score	7 dpi Score	Average Score	Standard Deviation
Biologic - Immune Factor Antagonist									
	LY2439821	IL17 antagonist (aka Ixekizumab)	-36.59	-57.59	-59.49	-54.96	-45.70	-50.87	9.58
	etanercept	TNFalpha antagonist	-32.77	-60.22	-59.33	-54.52	-46.33	-50.63	11.41
	adalimumab	TNFalpha antagonist	-30.93	-61.22	-59.31	-51.65	-42.97	-49.22	12.50
	infliximab	TNFalpha antagonist	-33.81	-60.30	-58.95	-45.77	0.00	-39.77	24.71
	Anakinra	Interleukin-1 receptor antagonist	-28.26	-52.14	-47.40	-32.58	-18.92	-35.86	13.72
Small Molecule Kinase Inhibitor									
	ruxolitinib	JAK1/2 inhibitor (aka INCB018424)	-61.24	-71.70	-70.58	-64.20	-58.33	-65.21	5.81
	tofacitinib	JAK1 and JAK3 inhibitor	-29.94	-53.28	-52.37	-40.88	-41.20	-43.54	9.62
	Nintedanib	Multi-Kinase inhibitor: nonreceptor tyrosine kinase	-36.00	-47.77	-40.80	-32.50	0.00	-31.41	18.47
	imatinib	Multi-Kinase inhibitor: semi-specific BCR-ABL	25.46	-48.79	-46.13	-43.82	-37.18	-30.09	31.35
	AZD 1152	Aurora B (AUKB) inhibitor high potency	-28.71	-60.00	-54.37	-50.08	-47.93	-48.22	11.84
	R788 compound	Syk inhibitor (aka Fostamatinib)	-33.45	-52.50	-50.89	-39.04	-31.41	-41.46	9.77
	PCI 32765	BTK inhibitor (aka Ibrutinib)	-23.47	-53.56	-51.16	-35.24	-25.40	-37.77	14.07
Immunosuppressive drug and Anti-parasite									
	Hydroxychloroquine		0.00	-55.33	-51.04	-35.06	0.00	-28.29	26.90
Topoisomerase Inhibitors									
	Etoposide		0.00	0.00	0.00	-49.24	-46.39	-19.13	26.21
Nucleoside inhibitors									
	Decitabine		-23.13	57.44	54.87	47.29	-43.38	18.62	48.04
Nonsteroidal Anti-Inflammatory Drug									
...xibs	Naproxen		-27.66	54.34	51.93	-46.68	-41.09	-1.83	50.66
Glucocorticoids									
	Dexamethasone		-35.39	-60.80	-57.04	-53.40	-49.47	-51.22	9.80
	Hydrocortisone		-31.15	58.08	53.71	-44.91	-39.02	-0.66	51.88
Estrogenic									
	Estradiol		31.57	61.34	61.06	57.96	52.55	52.90	12.43
	Tamoxifen		0.00	0.00	0.00	0.00	-37.82	-7.56	16.91
PPAR agonists - Fibrates									
	Fenofibrate		0.00	0.00	0.00	-45.02	-38.97	-16.80	23.10
Statins									
	Simvastatin		-20.78	48.80	45.81	-41.28	-37.96	-1.08	44.86
	atorvastatin		-21.93	44.36	40.69	-34.82	-30.18	-0.37	39.46
Protective Agents									
	Cannabidiol		33.49	57.72	53.99	-36.88	-31.57	15.35	46.22
natural products?									
	Emodin	casein kinase II inhibitor, ATP-competitor	0.00	-46.81	-51.68	-56.76	-46.65	-40.38	22.95
	cryptoxanthin		-33.40	-58.62	-56.67	-46.78	0.00	-39.09	24.03
	vitamin d3 derivative	1,25-dihydroxy-23-oxo-vitamin D3	-28.37	-53.03	-50.08	-29.01	-16.18	-35.33	15.70
	resveratrol		29.10	47.36	44.96	-42.72	-35.51	8.64	44.23
	Curcumin		-38.53	46.13	-43.97	-39.67	-32.57	-21.72	38.15