

Supplementary Table 1. Antiviral activity and selectivity of GS-CA1 and representative control antiretroviral agents in primary human T-cells and macrophages

Primary Human Target Cell	Parameter	GS-CA1	EFV (NNRTI)	DTG (INSTI)	ATV (PI)
CD4+ T-lymphocytes	Antiviral Activity EC ₅₀ (nM) ^a	0.06 ± 0.01	1.23 ± 1.10	0.96 ± 0.38	6.88 ± 5.69
	Cytotoxicity CC ₅₀ (μM) ^a	> 50.0	17.4 ± 6.8	15.8 ± 3.9	29.8 ± 16.7
	Selectivity Index (SI) ^b	> 833,330	14,150	16,460	4,330
Monocyte-derived macrophages	Antiviral Activity EC ₅₀ (nM) ^a	0.10 ± 0.07	0.29 ± 0.22	1.87 ± 0.31	8.31 ± 4.99
	Cytotoxicity CC ₅₀ (μM) ^a	> 50.0	22.2 ± 14.1	34.7 ± 21.6	36.6 ± 23.1
	Selectivity Index (SI) ^b	> 1,670,000	76,200	18,560	4,400

NNRTI = nonnucleoside reverse transcriptase inhibitor; INSTI = integrase strand transfer inhibitor; PI = protease inhibitor

^a EC₅₀ (HIV-1_{BaL}-infected) and CC₅₀ (mock-infected) values (mean ± s.d.) obtained from quadruplicate cell cultures in each of 3 independent experiments

^b SI = CC₅₀/EC₅₀ ratio