

Supplementary material

Table S1. Cytotoxic activity of the investigated NADES mixtures determined after 48h treatment by MTS assay expressed with EC₅₀ in mg/mL

No	NADES system	EC ₅₀			
		Caco-2	HT-29	MCF-7	MRC-5
1	ChCl: CitA _(1:1)	11.09	3.91	5.54	8.44
2	ChCl: MalA _(1:1)	11.19	4.40	5.71	5.23
3	ChCl: LacA _(1:1)	33.06	8.78	12.88	9.80
4*	ChCl: AscA _(2:1)	n.d.	n.d.	n.d.	n.d.
5	ChCl: Ur _(1:1)	32.33	27.97	22.89	22.77
6	ChCl: Gly _(1:1)	46.63	45.60	31.46	23.94
7	ChCl: Fru _(1:1)	55.69	34.52	30.87	32.89
8	ChCl: Sor _(1:1)	36.53	29.77	42.07	26.20
9	ChCl: 1,3PD _(1:1)	33.88	35.53	25.74	30.03
10	ChCl: 1,2PD _(1:1)	34.69	32.77	33.45	30.17
11	ChCl: 1,3BD _(1:1)	34.63	34.11	27.66	25.37
12	ChCl: 1,4BD _(1:1)	36.41	33.66	33.55	25.96
13	DMSO	~145.86	32.78	46.75	47.96

* EC₅₀ values for ascorbic acid-based system were not reproducible, and therefore EC₅₀ was not presented in the table

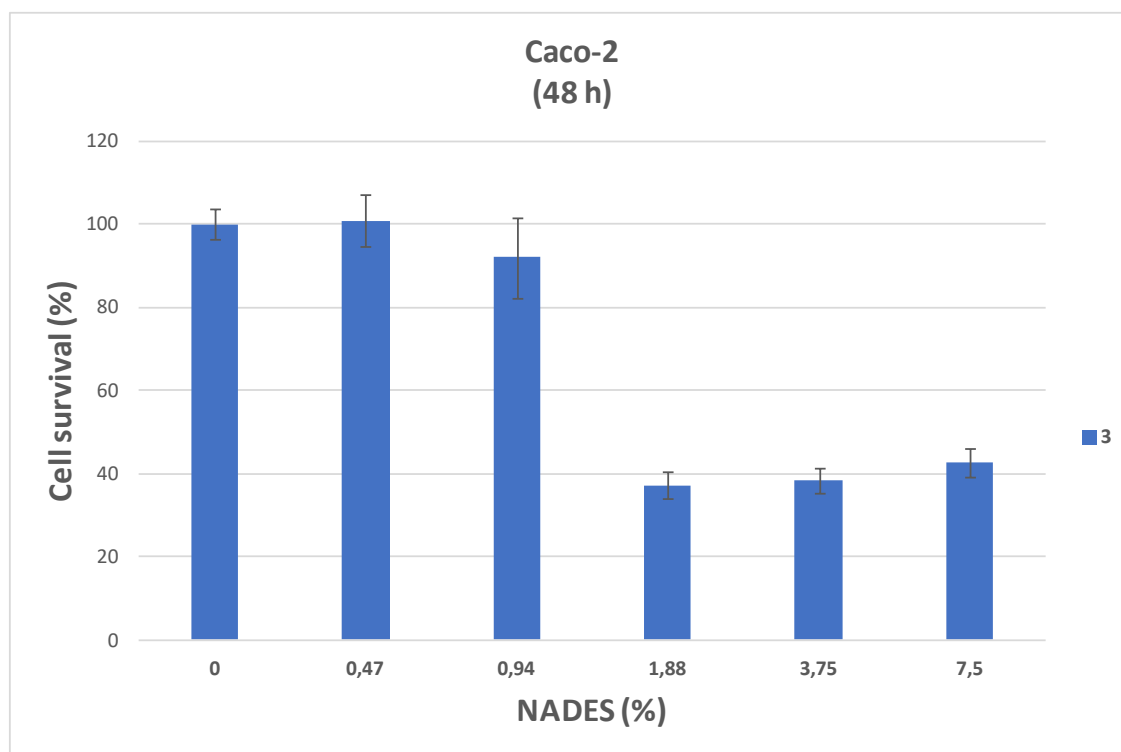
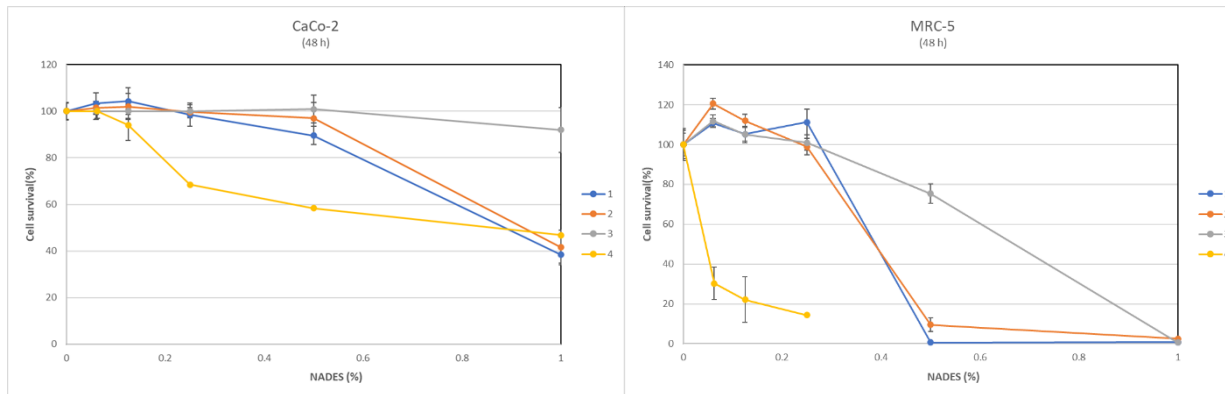
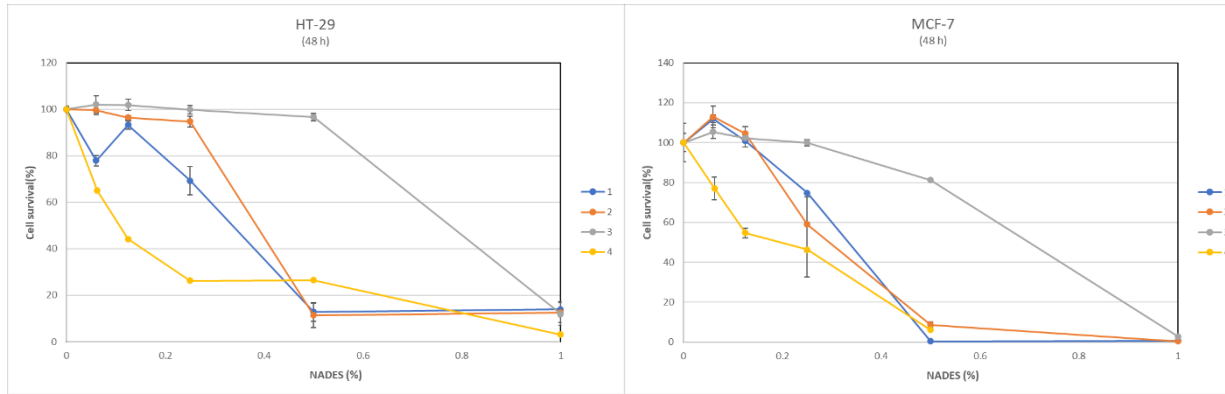


Figure S1. The effect of ChCl:LacA_(1:1) system on cell viability of Caco-2 cell line shown in different volume ratios of NADES (%) (v/v)

Dose-response curves of representative experiments



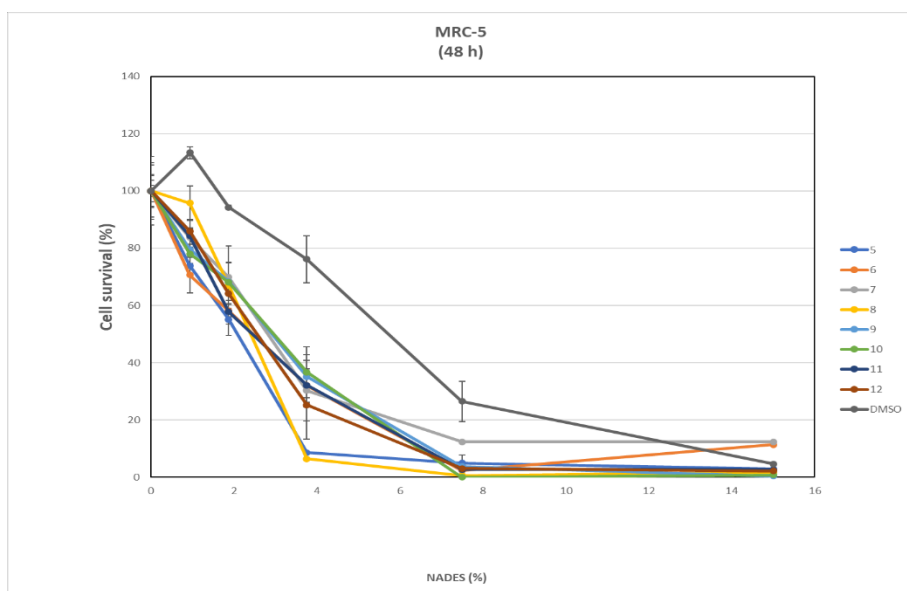
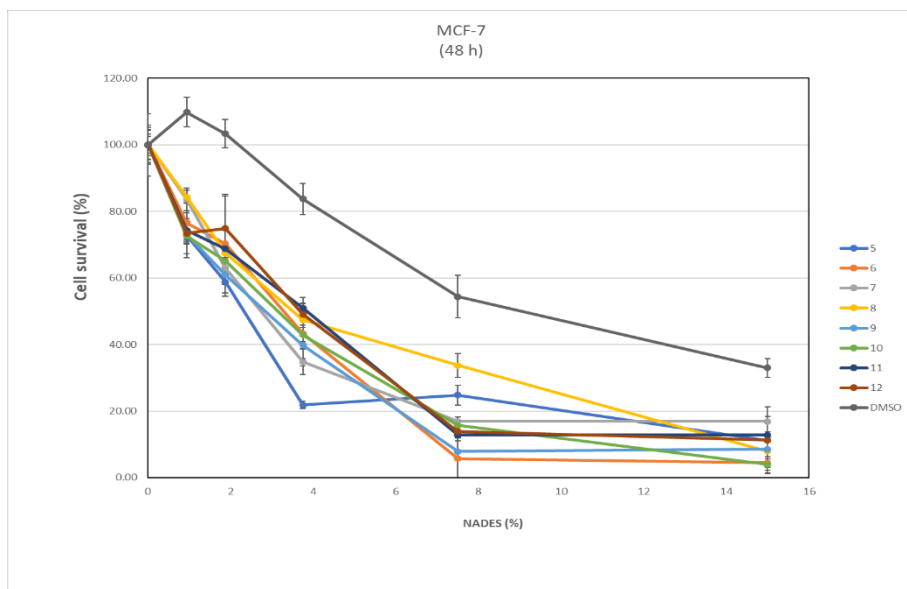


Figure S2. Results of cytotoxicity studies shown as dose-response curves of representative experiments.