

Table S1. Details on limit and dose-response test results.

Familie	Abr	Limit test results							Dose-response test results							
		Mortality ^a	Adhesion ^a	%1B ⁺ ^b	%3B ⁺ ^b	Avidity ^b	nb.*	Scoring ^c	Log(EC50)	IC95%	EC50 (mM)	IC95%	Hill Slope	IC95%	R ²	Ranking ^d
TBP	TBP S-Pro	ns	ns	ns	ns	*	1	7%	nd	nd	nd	nd	nd	nd	nd	#10
TBP	TBP D-Glu	ns	ns	ns	ns	**	2	13%	nd	nd	nd	nd	nd	nd	nd	#9
TBP	TBP Suc	ns	***	ns	*	**	6	40%	nd	nd	nd	nd	nd	nd	nd	#6
TBP	TBP L-Lact	ns	ns	ns	ns	ns	0	0%	nd	nd	nd	nd	nd	nd	nd	#11
TBP	TBP Pyr	ns	*	ns	ns	ns	1	7%	nd	nd	nd	nd	nd	nd	nd	#10
TBP	TBP L-Tart	ns	**	ns	ns	*	3	20%	nd	nd	nd	nd	nd	nd	nd	#8
TBP	TBP L-Mal	ns	*	ns	ns	*	2	13%	nd	nd	nd	nd	nd	nd	nd	#9
TBP	TBP Malo	ns	ns	ns	ns	*	1	7%	nd	nd	nd	nd	nd	nd	nd	#10
TBP	TBP Br	ns	ns	ns	ns	**	2	13%	nd	nd	nd	nd	nd	nd	nd	#9
TBP	TBP Lev	ns	ns	***	***	***	9	60%	nd	nd	nd	nd	nd	nd	nd	#5
TBA	TBA Lact	ns	ns	ns	*	***	4	27%	nd	nd	nd	nd	nd	nd	nd	#7
Bet	Bet-C8-Lac	***	***	***	***	**	14	93%	0.637	[0.583 – 0.691]	4.336	[3.832 – 4.906]	8.275	[0.096 – 16.45]	0.986	#3
Bet	Bet-AMC12-Lac	***	***	**	***	***	14	93%	-0.926	[-0.991 – -0.861]	0.119	[0.102 – 0.138]	1.358	[0.967 – 1.749]	0.981	#1
Bet	Bet	ns	ns	ns	***	ns	3	20%	nd	nd	nd	nd	nd	nd	nd	#8
Bet	BetO-C12-Lac	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Bet	BetO-C8-Lac	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Cho	Cho-C12-Lact	***	***	**	***	***	14	93%	-0.584	[-0.649 – -0.518]	0.261	[0.224 – 0.304]	6.553	[-5.321 – 18.43]	0.969	#2
Cho	Cho-Cl	ns	ns	ns	ns	ns	0	0%	nd	nd	nd	nd	nd	nd	nd	#11
Cho	Cho-C8-Lact	***	***	ns	***	***	12	80%	nd	nd	nd	nd	nd	nd	nd	#4
Cho	Cho-C6-Lact	ns	ns	ns	*	ns	1	7%	nd	nd	nd	nd	nd	nd	nd	#10
Cho	Cho-C6-Lev	ns	ns	ns	ns	*	1	7%	nd	nd	nd	nd	nd	nd	nd	#10

*, p<0.05; **, p<0.01; ***, p<0.001 in comparison to the corresponding control; ns, not significant; n/a, not available; nd, not determined.

^a, for cell mortality and adhesion, only inductions in comparison to the control are considered.

^b, for phagocytosis endpoints, only inhibitions in comparison to the control are considered.

^c, for each IL, the score represents the total number of asterisks expressed as a percentage of the maximal possible number of asterisks (ie. 5 endpoints x 3 asterisks = 15).

^d, ILs ranking according to measured toxicity based on the score calculated for each substance (#1 most toxic, #11 not toxic). When available, the estimated EC50 values was used to rank ILs showing similar score.