

Table S1 – Induction of His⁺ revertants in *Salmonella enterica* (Typhimurium strains) by DB1989 in reverse mutation test without metabolic activation

Strain	[] nM	His ⁺ ± DP ^b	MI ^a	Survival % ^c
TA97	0	120 ± 5	1.00	100
	1.11	102 ± 18	0.85	100
	2.22	114 ± 4	0.96	100
	4.45	91 ± 20	0.76	100
	8.90	69 ± 6	0.58	100
	17.75	67 ± 6	0.56	100
TA98	0	34 ± 1	1.00	100
	1.11	45 ± 6	1.32	100
	2.22	79 ± 12	2.32	100
	4.45	75 ± 1	2.21	100
	8.90	79 ± 1	2.32	100
	17.75	73 ± 4	2.16	86
TA100	0	62 ± 9	1.00	100
	1.11	57 ± 24	0.93	35
	2.22	83 ± 9	1.35	15
	4.45	81 ± 1	1.31	27
	8.90	76 ± 6	1.23	52
	17.75	91 ± 1	1.48	50
TA102	0	174 ± 30	1.00	100
	1.11	192 ± 37	1.11	13
	2.22	142 ± 10	0.82	20
	4.45	194 ± 2	1.11	27
	8.90	139 ± 18	0.80	22
	17.75	160 ± 10	0.92	20

Induction of His⁺ revertants in *S. enterica* (Typhimurium strains) by DB1989 in reverse mutation test without metabolic activation.
^aMutagenic index (M.I.): number of His⁺ induced in the sample/number of spontaneous His⁺ in the negative control (DMSO 5%).
^bNumber of His⁺/plate: mean value ± SD of at least three experiments. ^cPercentage of cell survival (Surv. %) calculated in relation to the negative control. Bold numbers are statistically significant (*p* ≤ 0.005).