

表3 10株*Bt*菌株对小菜蛾幼虫的半致死时间(LT50)生物测定

Table 3 The probit analysis of LT50 of 10 *Bt* strains' toxicity against susceptible *Plutella xylostella* (Lepidoptera)

供试菌株 Tested strain	回归方程 Regression equation	斜率±标准误 Slope±SE	相关系数 Correlation coefficient	半致死时间 LT50 (h)	95%置信限 95% confidential limit (h)	药效排序 Efficacy order
S2685-1	$y=-5.224+3.323x$	3.323±0.412	0.984	37.343	32.949~42.088	4
S2737-3	$y=-5.964+3.808x$	3.808±0.458	0.940	36.825	32.762~40.955	3
S2796-2	$y=-4.900+2.981x$	2.981±0.396	0.963	44.006	38.623~50.745	7
S2809-1	$y=-4.907+3.146x$	3.146±0.387	0.967	36.308	31.813~41.138	2
S2852-1	$y=-5.223+3.182x$	3.182±0.423	0.986	43.811	38.716~50.071	6
S2852-2	$y=-3.996+2.413x$	2.413±0.351	0.974	45.299	38.765~54.362	8
S2852-3	$y=-5.185+3.025x$	3.025±0.443	0.972	51.745	45.388~61.049	9
S2852-4	$y=-5.569+3.396x$	3.396±0.451	0.964	43.667	38.806~49.408	5
S2852-5	$y=-5.049+2.912x$	2.912±0.436	0.993	54.145	47.162~64.980	10
S2853-1	$y=-7.048+4.054x$	4.054±0.585	0.990	54.790	49.371~62.465	11
HD-73	$y=-5.702+3.666x$	3.666±0.438	0.960	35.917	31.847~40.082	1