

TABLE 3 Predictive performance of busulfan AUC by body weight

Body weight	Number of samples	LSS equation for $AUC_{0-\infty}$	r^2	MAPE (%)
Models based on C_6				
<9 kg	14	$2.508 C_6 + 262.8$	0.841	10.8
9–16 kg	33	$3.610 C_6 + 113.6$	0.826	10.0
16–23 kg	15	$2.639 C_6 + 246.6$	0.762	10.6
23–34 kg	8	$2.788 C_6 + 158.9$	0.929	8.9
>34 kg	12	$2.866 C_6 + 108.9$	0.956	4.0
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≤ 23 kg	62	$3.036 C_6 + 192.0$	0.782	11.4
>23 kg	20	$2.820 C_6 + 132.6$	0.937	5.9
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Models based on C_3 and C_6				
≤ 23 kg	50	$0.778 C_3 + 1.589 C_6 + 47.1$	0.963	5.7
>23 kg	20	$0.296 C_3 + 2.265 C_6 + 111.9$	0.974	4.1

Abbreviations: C_n , busulfan plasma concentration (ng/mL) after the start of infusion; LSS, limited sampling strategy; AUC, area under the concentration-time curve; MAPE, mean absolute percentage error