Erratum to: Mephedrone pharmacokinetics after intravenous and oral administration in rats: relation to pharmacodynamics

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The original version of this article inadvertently contained a mistake.

In Table 2, the value of elimination half-life ($t_{1/2\beta}$ app) must be 0.12 (12) and not 0.55 (4.5) as appeared in the original publication. The correct table appears below.

Table 2 Main pharmacokinetic parameter estimates of mephedrone after oral administration to male Sprague–Dawley rats at a dose of 30 mg/kg (value 30) and 60 mg/kg (value 60)

Parameters	Units	Value 30 (CV)	Value 60 (CV)
$C_{\max, \text{obs}}$	ng/ml	331.20 (62.8)	960.00 (35.7)
$T_{\max, \text{obs}}$	h	0.93 (13.3)	0.43 (52.6)
$AUC_{0-\infty}$	ng h/ml	294.48 (7.3)	895.43 (19.2)
AUC_{0-t}	ng h/ml	294.37 (7.4)	887.12 (18.3)
$t_{1/2\text{abs app}}$	h	2.15 (7.0)	3.14 (10.7)
$t_{1/2\beta \text{ app}}$	h	0.12 (12)	0.12 (12)
t_{lag}	h	0.41 (4.5)	0.41 (4.5)
F^a	%	7.30 ^b	11.20 ^b
Cl_{met}	ml/h	1,298.05 (13.1)	377.79 (25.2)
MRT	h	0.16 (12.4)	0.16 (12.4)
MAT	h	4.14 (14.0)	4.14 (14.0)
K_m	μ/ml	0.09 (9.8)	21.17 (25.2)
$V_{\max}$	μg/h	116.22 (14.4)	8000 ^c

The online version of the original article can be found at <http://dx.doi.org/10.1007/s00213-013-3108-7>.

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Results are expressed as mean and the corresponding CV (in percent)

^a Calculated as $F = (AUC_{0-\text{oral}} \times \text{Dose i.v.}) / (AUC_{0-\text{i.v.}} \times \text{Dose oral})$

^b Calculated value and not fitted

^c CV not determined