CORRECTION

Correction to: Comparative Assessment of the New PDE7 Inhibitor – GRMS-55 and Lisofylline in Animal Models of Immune-Related Disorders: A PK/PD Modeling Approach

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There was a mistake in the unit of clearance (Cl) in Table II. In addition, the descriptions of $V_{I(ROL)}$ and $V_{I(GRMS-55)}$ were imprecise and the reference number in the footnote below this table should be (9). The corrected Table appears below.

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Table II Values of Pharmacokinetic Parameters of (±)-LSF, GRMS-55, Rolipram, and PTX as a Metabolite in Female Lewis and Male Wistar Rats

Rolipram		GRMS-55			(±)-LSF			
Parameter	Brief description	Estimate (CV%)	Parameter	Brief description	Estimate (CV%)	Parameter	Brief description	Estimate (CV%)
Female Lewis rats								
$V_{(ROL)F}$ (L kg ⁻¹)	Volume of distribution divided by fraction absorbed	1.02 (2.9)	$V_{1(GRMS-55)}$ (L kg ⁻¹)	Volume of central compartment	1.60 (15.4)	V_{LSF} (L kg ⁻¹)	Volume of distribution of (±)-LSF	0.37 (12.5)
$k_{a(ROL)}$ (min ⁻¹)	Absorption rate constant	0.228 (15.4)	$k_{a(GRMS-55)}$ (min ⁻¹)	Absorption rate constant	0.045 (17.6)	$V_{PTXm}f_m$ (L kg ⁻¹)	Volume of distribution divided by fraction metabolized	1.95 (21.2)
$Cl/F_{(ROL)}$ (L min ⁻¹ kg ⁻¹)	Apparent total clearance following IP administration	0.023 (2.1)	$Cl_{T(GRMS-55)}$ (L min ⁻¹ kg ⁻¹)	Total clearance	0.053 (10.8)	$k_{a(LSF)}$ (min ⁻¹)	Absorption rate constant	0.032 (13.8)
			$Cl_{D(GRMS-55)}$ (L min ⁻¹ kg ⁻¹)	Distribution clearance	0.080 (28.6)	k_d (min ⁻¹)	Overall parent elimination rate constant	0.212 (27.1)
			$V_{2(GRMS-55)}$ (L kg ⁻¹)	Volume of peripheral compartment	2.14 (29.6)	k_{em} (min ⁻¹)	Metabolite elimination rate constant	0.039 (12.1)
						k_{conv} (min ⁻¹)	Conversion rate constant of PTX to (±)-LSF	0.054 (29.1)
Male Wistar rats								
$V_{1(ROL)}$ (L kg ⁻¹)	Volume of central compartment	0.58 (11.6)	$V_{1(GRMS-55)}$ (L kg ⁻¹)	Volume of distribution	1.59 (9.2)	V_{LSF} (L kg ⁻¹)	Volume of distribution of (±)-LSF	1.22 (3.4) ^a
$Cl_{T(ROL)}$ (L min ⁻¹ kg ⁻¹)	Total clearance	0.037 (2.6)	$Cl_{T(GRMS-55)}$ (L min ⁻¹ kg ⁻¹)	Total clearance	0.051 (6.4)	V_{PTXm} (L kg ⁻¹)	Volume of distribution of PTX	2.01 (9.5) ^a
$Cl_{D(ROL)}$ (L min ⁻¹ kg ⁻¹)	Distribution clearance	0.021 (16.0)				V_{max} (mg min ⁻¹ kg ⁻¹)	Maximal elimination rate constant of (±)-LSF	0.433 (56.9) ^a
$V_{2(ROL)}$ (L kg ⁻¹)	Volume of peripheral compartment	0.28 (10.0)				K_m (mg L ⁻¹)	Michaelis-Menten constant	6.02 (91.8) ^a
						k_{m12} (min ⁻¹)	Distribution rate constant of PTX	0.203 (12.7) ^a
						k_{m21} (min ⁻¹)	Redistribution rate constant of PTX	0.095 (12.9) ^a
						k_{em} (min ⁻¹)	Elimination rate constant of PTX	0.116 (9.8) ^a

^a data already published (9)