

Cover Page



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Appendix

List of publications



Krekels EH, Tibboel D, Danhof M, Knibbe CA. Prediction of Morphine Clearance in the Paediatric Population: How Accurate are the Available Pharmacokinetic Models? Accepted *Clin Pharmacokinet.* **2012**

Sadhasivam S, Krekels EHI, Chidambaran V, Esslinger HR, Ngamprasertwong P, Zhang K, Fukuda T, Vinks AA. Morphine clearance in children: Does race or genetics matter? Accepted *J Opioid Manag.* **2012**

Wang C, Peeters MY, Allegaert K, Blussé van Oud-Alblas HJ, Krekels EH, Tibboel D, Danhof M, Knibbe CA. A Bodyweight-Dependent Allometric Exponent for Scaling Clearance Across the Human Life-Span. *Pharm. Res.* **2012**, 29(6):1570-1581

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plasma binding on heart rate changes by S(-)-propranolol in rats using mechanism-based estimations of in vivo receptor affinity (K(B,vivo)). *J Pharm Sci.* **2010**, 99(5):2511-20.

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Van Steeg TJ, Boralli VB, Krekels EH, Slijkerman P, Freijer J, Danhof M, De Lange EC. Influence of plasma protein binding on pharmacodynamics: Estimation of in vivo receptor affinities of beta blockers using a new mechanism-based PK-PD modelling approach. *J Pharm Sci.* **2009**, 98(10):3816-28.

Krekels EH, Van den Anker JN, Baiardi P, Cella M, Cheng KY, Gibb DM, Green H, Iolascon A, Jacqz-Aigrain EM, Knibbe CA, Santen GW, Van Schaik RH, Tibboel D, Della Pasqua OE. Pharmacogenetics and paediatric drug development: issues and consequences to labelling and dosing recommendations. *Expert Opin Pharmacother.* **2007**, 8(12):1787-99.

Van Steeg TJ, Krekels EH, Danhof M, De Lange EC. Reproducible and time-dependent modification of serum protein binding in Wistar Kyoto rats. *J Pharmacol Toxicol Methods.* **2007**, 56(1):72-8

Appendix

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