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Irreversible enzyme inhibition kinetics and drug-drug interactions

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14	A numerical method for analysis of in vitro time-dependent inhibition data. Part 1. Theoretical considerations. <i>Drug Metabolism and Disposition</i> , 2014 , 42, 1575-86	4	19
13	A numerical method for analysis of in vitro time-dependent inhibition data. Part 2. Application to experimental data. <i>Drug Metabolism and Disposition</i> , 2014 , 42, 1587-95	4	19
12	The Impact of the Hepatocyte-to-Plasma pH Gradient on the Prediction of Hepatic Clearance and Drug-Drug Interactions for CYP2D6 Substrates. <i>Drug Metabolism and Disposition</i> , 2016 , 44, 1819-1827	4	5
11	Mechanism-Based Inhibition of CYP3A4 by Podophyllotoxin: Aging of an Intermediate Is Important for in Vitro/in Vivo Correlations. <i>Molecular Pharmaceutics</i> , 2016 , 13, 2833-43	5.6	15
10	Inactivation of CYP2A6 by the Dietary Phenylpropanoid trans-Cinnamic Aldehyde (Cinnamaldehyde) and Estimation of Interactions with Nicotine and Letrozole. <i>Drug Metabolism and Disposition</i> , 2016 , 44, 534-43	4	12
9	The Impact of the Hepatocyte-to-Plasma pH Gradient on the Prediction of Hepatic Clearance and Drug-Drug Interactions for CYP2C9 and CYP3A4 Substrates. <i>Drug Metabolism and Disposition</i> , 2017 , 45, 1008-1018	4	13
8	The potential of Epimedium koreanum Nakai for herb-drug interaction. <i>Journal of Pharmacy and Pharmacology</i> , 2017 , 69, 1398-1408	4.8	4
7	A Perspective on the Kinetics of Covalent and Irreversible Inhibition. <i>SLAS Discovery</i> , 2017 , 22, 3-20	3.4	135
6	Kinase inhibitors: the road ahead. <i>Nature Reviews Drug Discovery</i> , 2018 , 17, 353-377	64.1	447
5	Impact of Lipid Partitioning on the Design, Analysis, and Interpretation of Microsomal Time-Dependent Inactivation. <i>Drug Metabolism and Disposition</i> , 2019 , 47, 732-742	4	5
4	Numerical analysis of time-dependent inhibition kinetics: comparison between rat liver microsomes and rat hepatocyte data for mechanistic model fitting. <i>Xenobiotica</i> , 2020 , 50, 1301-1310	2	3
3	Mechanisms of Herb-Drug Interactions Involving Cinnamon and CYP2A6: Focus on Time-Dependent Inhibition by Cinnamaldehyde and 2-Methoxycinnamaldehyde. <i>Drug Metabolism and Disposition</i> , 2020 , 48, 1028-1043	4	3
2	Cytochrome P450 enzymes: a review on drug metabolizing enzyme inhibition studies in drug discovery and development. <i>Bioanalysis</i> , 2021 ,	2.1	4
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