



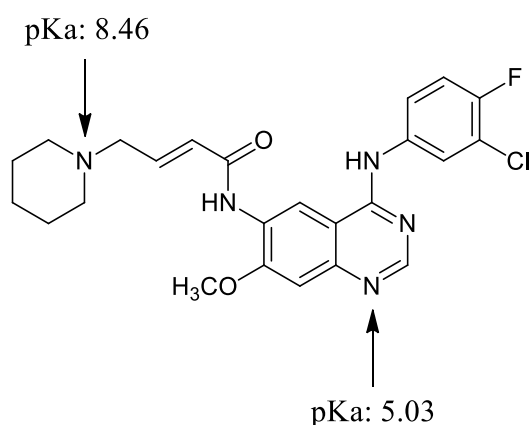
# Supplementary Materials: Pharmacokinetic Models to Characterize the Absorption Phase and the Influence of a Proton Pump Inhibitor on the Overall Exposure of Dacomitinib

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**Table S1.** Dacomitinib Absorption Models: Base Structural Model Objective Function Value and Condition Number.

Model	df	Objective Function Value	Condition Number
First-order absorption, without Lag Time	4	-1223.307	1108.33
First-order absorption, with Lag Time	5	-1596.383	944.88
Transit Compartment	5	-1889.846	195.61
Order-zero and first-order absorption Model	6	-1607.126	231.68
Order-zero and first-order linked absorption Model	5	-1480.944	199.57

df: degrees of freedom calculated as number of parameters-1.



**Figure S1.** Assignment of pKa to the Dacomitinib Structure.