Inhibition and Induction by Poziotinib of Different Rat Cytochrome P450 Enzymes *In Vivo* and in an *In Vitro* Cocktail Method

Supplementary Materials

**Figure S1.** Chemical structure of (A) phenacetin, (B) bupropion, (C) tolbutamide, (D) dextromethorphan, (E) chlorzoxazone, (F) midazolam, and (G) diazepam (internal standard, IS).

**Figure S2.** Typical multiple reaction monitoring (MRM) chromatograms of (A) chlorzoxazone, (B) midazolam, (C) diazepam, (D) dextromethorphan, (E) tolbutamide, (F) bupropion, (G) phenacetin and (H) TIC in plasma samples.
(A) Phenacetin
(B) Bupropion
(C) Tolbutamide
(D) Dextromethorphan
(E) Chlorzoxazone
(F) Midazolam
(G) Diazepam (IS)
2: MRM of 2 Channels ES+
168.091 > 132.05 (chloroxazone)
2.45e4

1: MRM of 11 Channels ES+
326.02 > 290.99 (midazolam)
2.42e6

285.1 > 193.1 (diazepam)
2.83e6

1: MRM of 11 Channels ES+
272.19 > 147.01 (Dextromethorphan)
3.11e6

271.2 > 155.1 (tolbutamide)
6.77e5

1: MRM of 11 Channels ES+
240.134 > 184.086 (bupropion)
1.08e7

180.05 > 109.94 (phenacetin)
3.53e6

1: MRM of 11 Channels ES+
TIC
1.08e7