

Supplemental Data

Hydrolytic Metabolism of Cyanopyrrolidine DPP-4 Inhibitors Mediated by Dipeptidyl Peptidases

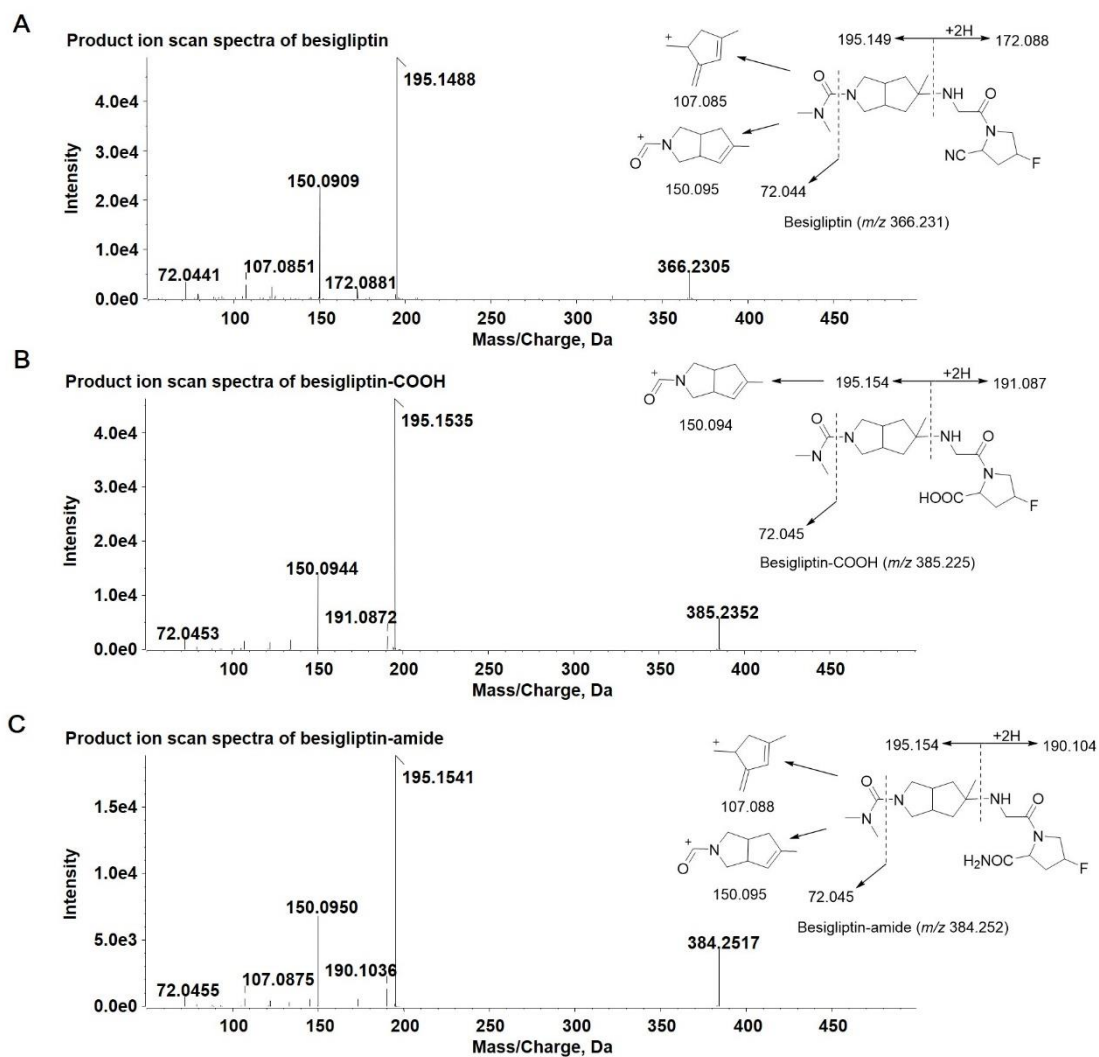
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Drug Metabolism and Disposition

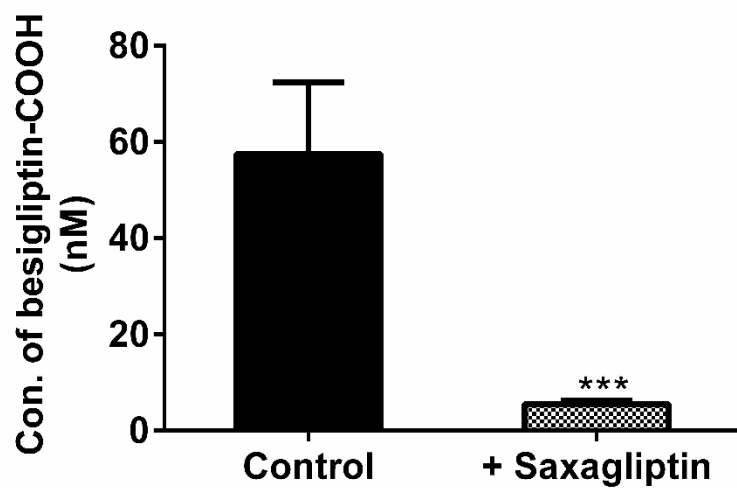
Supplemental Fig. S1. The typical product ion scan spectra of M0 (A, besigliptin), M2 (B, besigliptin-COOH), and M8-2 (C, besigliptin-amide).

Supplemental Fig. S2. The formation of besigliptin-COOH from besigliptin (5 μ M) in rat plasma with or without saxagliptin (100 μ M) at 37°C for 3 h (n=3). ***, $p < 0.001$ compared with control.

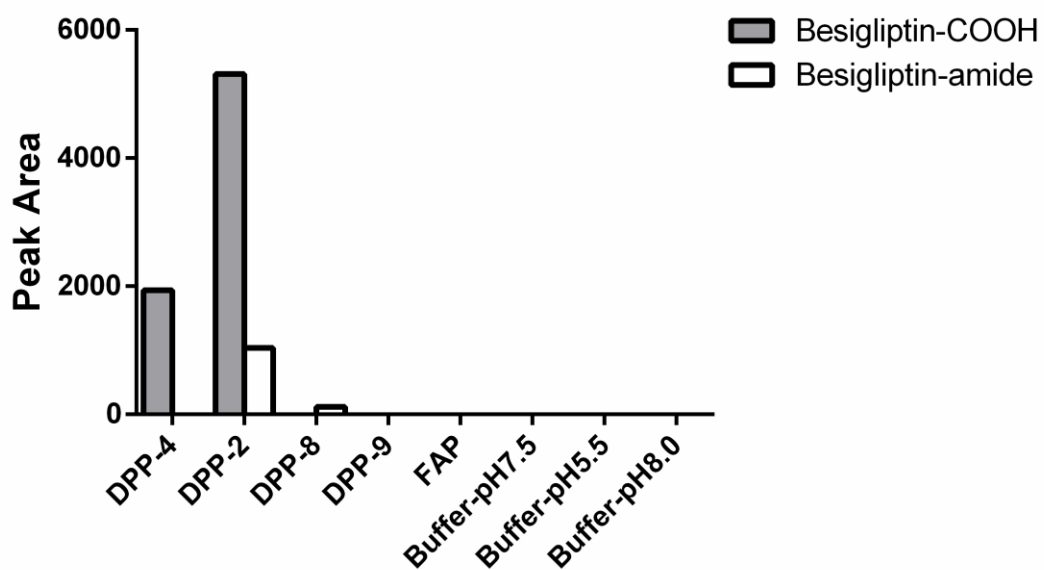
Supplemental Fig. S3. Hydrolysis of besigliptin (250 nM) in DPP-4, DPP-2, DPP-8, DPP-9, FAP. Data are displayed as the mean of two separate samples.



Supplemental Fig. S1



Supplemental Fig. S2



Supplemental Fig. S3