Phloretins in apple fruit

SUPPLEMENTAL FIGURE 1

Phloretin-2’-O-glucoside (phloridzin)

Phloretin-2’-O-(2’’-xylosyl)glucoside

3-Hydroxyphloretin-2’-O-(2’’-xylosyl)glucoside

Phloretin phase II metabolites in human urine

Phloretin-2’-O-glucuronide

(*) Phloretin-2’-O-sulphate

(*) Phloretin-O-sulphate-O-glucuronide
a) Low-phloretin apple snack

SUPPLEMENTAL FIGURE 2

b) High-phloretin apple snack

Volunteers
SUPPLEMENTAL FIGURE 3

a) Low-phloretin apple snack

b) High-phloretin apple snack

- Phloretin-O-glucuronide
- Phloretin-O-sulphate
- Phloretin-O-sulphate-O-glucuronide

Volunteers

First acute Low-PhA snack intake

First acute High-PhA snack intake

Second acute Low-PhA snack intake

Second acute High-PhA snack intake

Legend:
- Green: First acute Low-PhA snack intake
- Grey: Second acute Low-PhA snack intake
- Red: First acute High-PhA snack intake
- Pink: Second acute High-PhA snack intake

µmols / 24 h