FIGURE 1

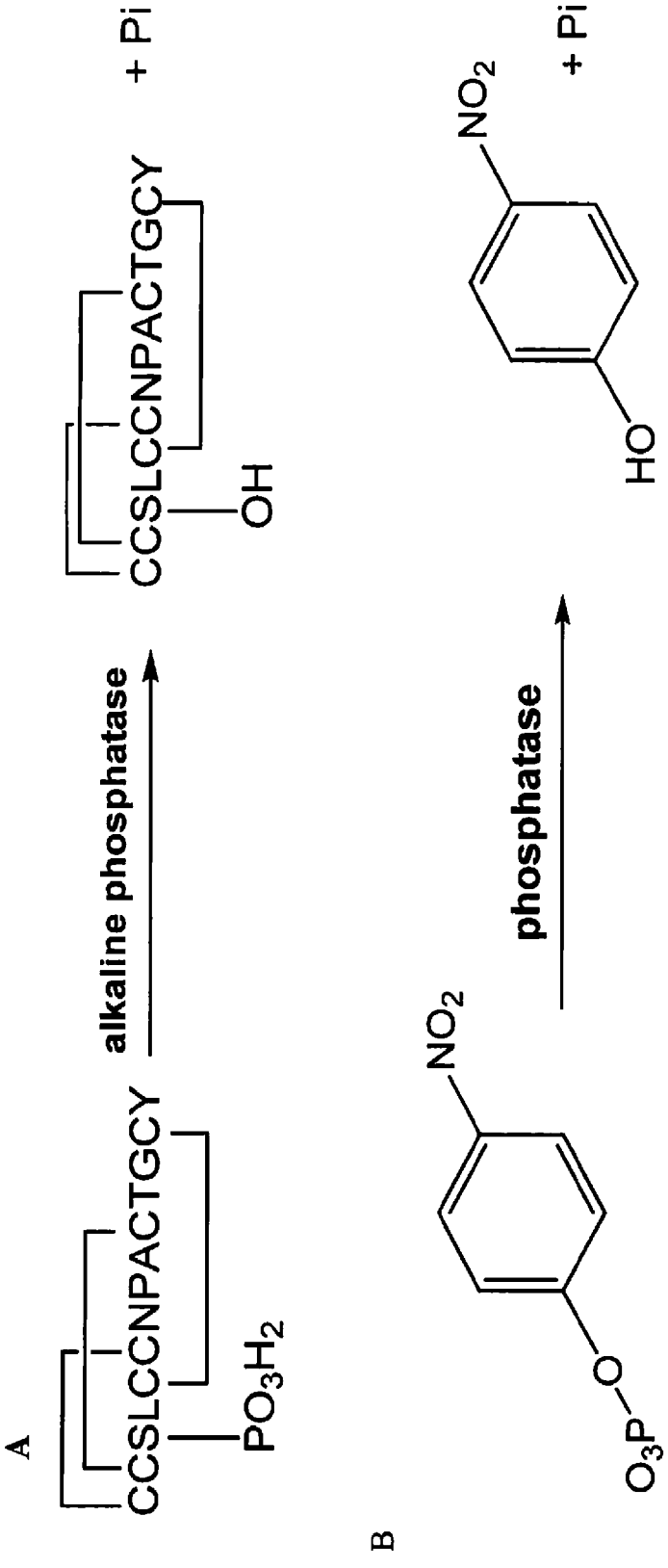

A
CCSLCCNPACTGCY
PO3H2
alkaline phosphatase
CCSLCCNPACTGCY
OH
+ Pi
B
NO2
O
O3P
phosphatase
NO2
HO
+ Pi

FIGURE 2

Peptide 4 and peptide 2 promote duodenal fluid secretion in rat duodenal loops

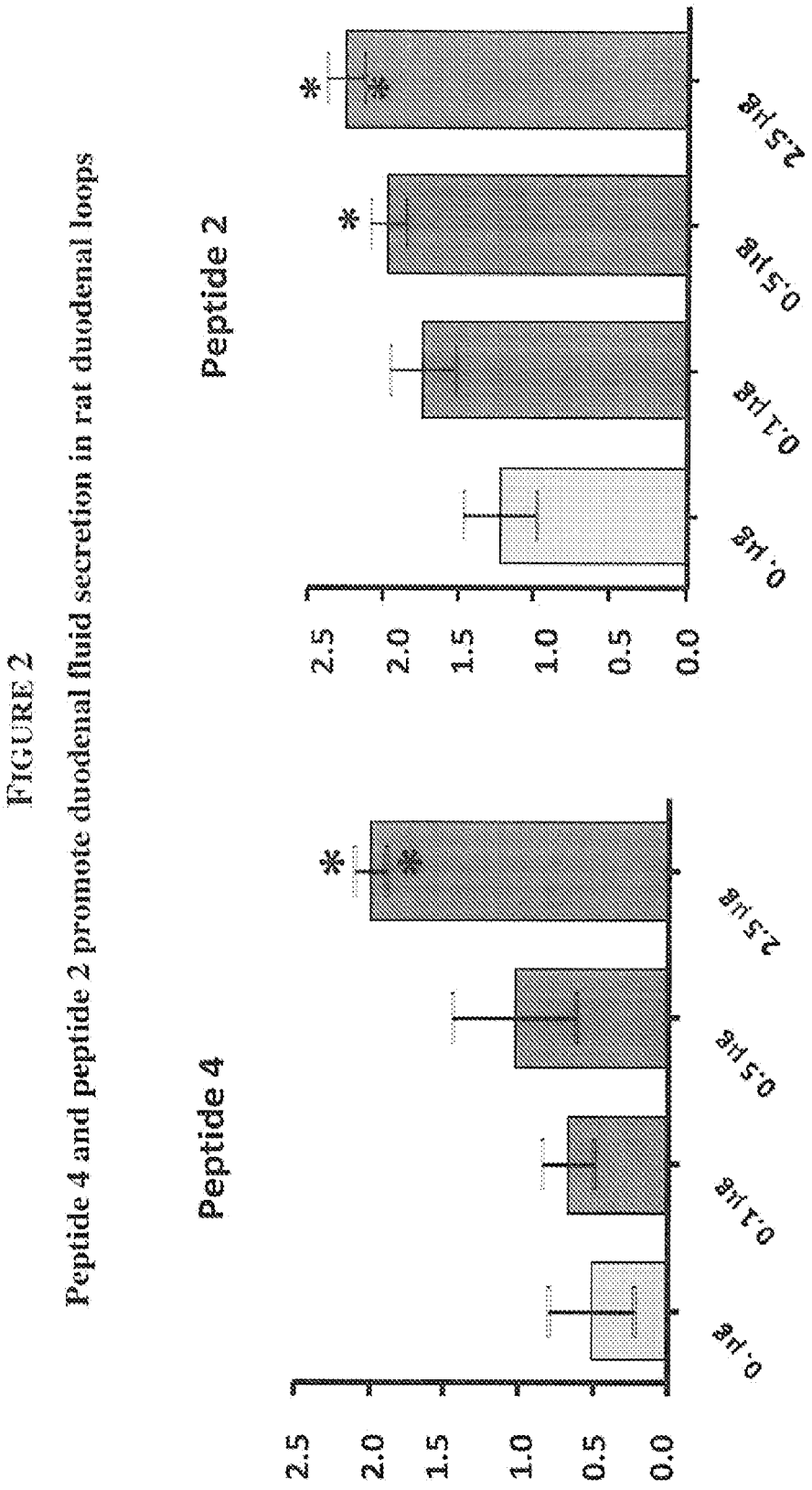
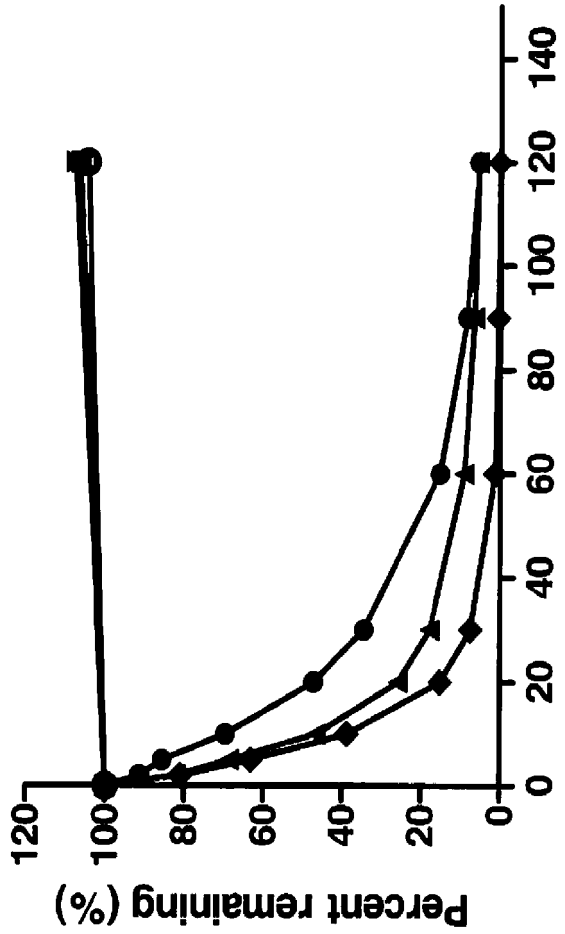


FIGURE 3.

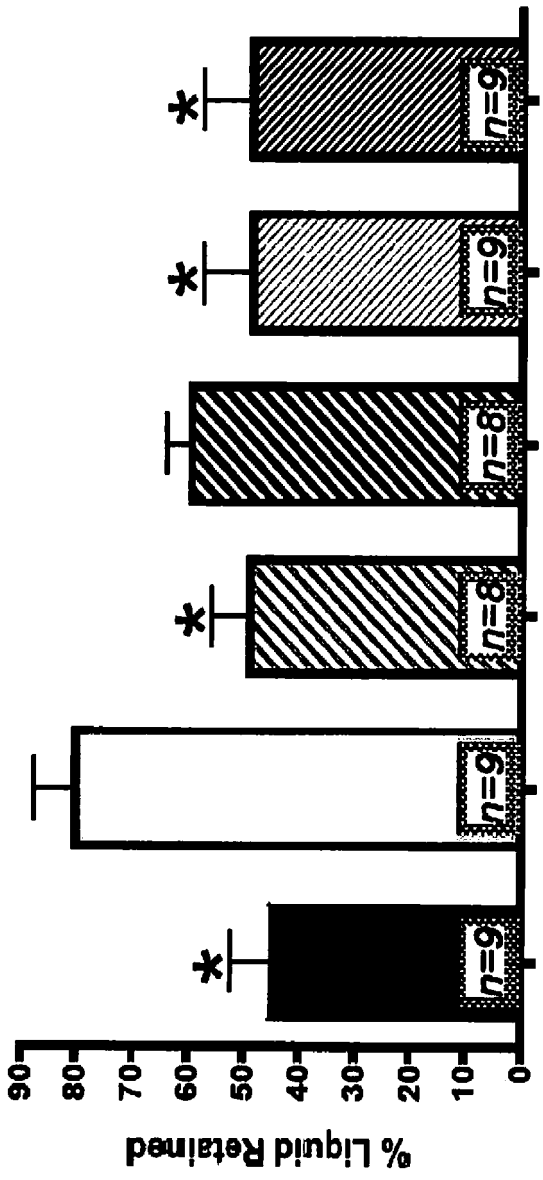
Stability of Peptide 2, Dephospho-peptide 2, and Peptide 3 in rat intestinal (jejunum) fluid



Legend: ● – peptide 2; ■ – peptide 2 control; ▲ – dephospho-peptide 2; ▼ – dephospho-peptide 2 control; ◆ – peptide 3; ○ – peptide 3 control.

FIGURE 4.

The effect of Peptides 2 (Pep2) and 3 (Pep3) on liquid gastric emptying in STZ-induced diabetic rats



* - Significant compared to STZ alone (using Student-Newman-Keuls *post hoc* tests ($p<0.05$)