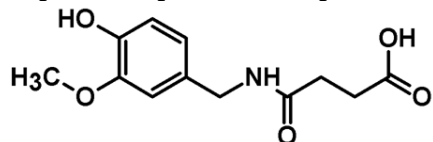


Universal artificial hapten and universal artificial complete antigen for capsaicinoids and application thereof

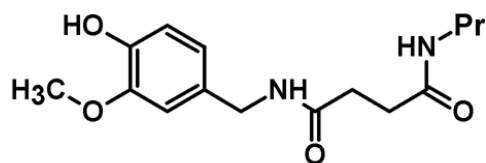
Abstract:

The present invention relates to universal artificial hapten and universal artificial complete antigen for capsaicinoids and application thereof. The universal artificial hapten compound for capsaicinoids has the molecular structure as shown in formula I:



I

, the universal artificial complete antigen compound for capsaicinoids has the molecular structure as shown in formula II:



II

, Pr carrier protein.

The high affinity, high sensitivity, high specificity antibody for capsaicin can be obtained by immunized artificial complete antigen according to the present invention.

FIG. 1