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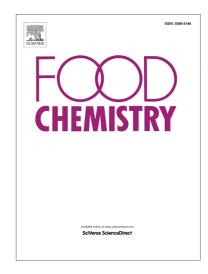
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## **ACCEPTED MANUSCRIPT**

Activation of membrane-located  $Ca^{2+}$  channels by hop beta acids and their tricyclic transformation products

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