



Effect of gingerol on colonic motility via inhibition of calcium channel cur



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缺少字词: gingerol

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作者: X Quan - 2015

2015年3月26日 - The current-voltage (I-V) relationship of L-type calcium channels was modified ... The relaxant effect of H2S on colonic muscle strips may be associated ... Furthermore, Ca<sup>2+</sup> influx via the L-type calcium channels plays a central ... Note that the inhibition of H2S on BKCa channels in colonic SMCs indicates ...

缺少字词: gingerol

### Inhibitory effect of ginger (Zingiber officinale) on rat ileal ...

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Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 20405

Manuscript Type: ORIGINAL ARTICLE

*Basic Study*

**Effect of gingerol on colonic motility *via* inhibition of calcium channel current in rats**

Zheng-Xu Cai, Xu-Dong Tang, Feng-Yun Wang, Zhi-Jun Duan, Yu-Chun Li,  
Juan-Juan Qiu, Hui-Shu Guo

**Abstract**

**AIM:** To investigate the effects of gingerol on colonic motility and the action of L-type calcium channel currents in this process.

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### **Inhibitory effect of ginger (Zingiber officinale) on rat ileal ...**

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**Inhibitory effect of ginger (Zingiber officinale) on rat ileal motility** in vitro. ... University of Naples Federico II, **Via D. Montesano 49, 80131 Naples, Italy**. .... relaxing **effect on rat intestinal** smooth muscle which could involve L-type **calcium channels**. ... The **current** study was designed to characterize pharmacological actions of ...

### [PDF] **The Effect of Ginger Hydroalcoholic Extract on Rat Ileal ...**

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作者: AA Jalali-Nezhad - 2015 - 相关文章

**calcium channel** blocker agents) and L-NAME (a nitric oxide synthase **inhibitor**). ... **colon** it has been shown that **ginger** extract decrease **motility** [18]. ... **effect** [19], in guinea pig ileum **ginger** improves **motility** ... **ginger** powder was successively extracted using soxhlet. T ... reached its maximal **inhibitory effect** within this time.

### **Inhibitory effects of zingerone, a pungent component of ...**

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ABSTRACT **Ginger** (rhizome of Zingiber officinale Roscoe) is an herbal medicine for the

The **current** study was designed to characterize pharmacological actions of ... of

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缺少字词 : gingerol

## Inhibitory effect of ginger (Zingiber officinale) on rat ileal ...

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The depressant effect of ginger on EFS-induced contractions was reduced by the ... both a presynaptic site of action and a direct inhibition of bladder smooth muscle. ... on rat intestinal smooth muscle which could involve L-type calcium channels. ... Our findings suggest that zingerone can inhibit colonic motility via direct ...

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Serotonin (5-HT) is found widely distributed throughout the gut and the central ... 5-HT to activate intrinsic (via 5-HT<sub>1P</sub> and 5-HT<sub>4</sub> receptors) and extrinsic (via ... decreases