

⁴
Name of Journal: *World Journal of Gastroenterology*

Manuscript NO: 38104

Manuscript Type: ORIGINAL ARTICLE

Basic Study

Oral treatment with plecanatide or dolcanatide attenuates visceral hypersensitivity via activation of guanylate cyclase-C in rat models

Boulete IM *et al.* Anti-nociceptive effects of GC-C agonists

Illona-Marie Boulete, Anusha Thadi, Catherine Beaufrand, ³Viren Patwa, Apoorva Joshi, John A Foss, E Priya Eddy, Helene Eutamene, Vaseem A Palejwala, Vassilia Theodorou, Kunwar Shailubhai

Abstract

AIMS

To investigate the effects of plecanatide and dolcanatide on maintenance of paracellular

Match Overview

| | | |
|---|--|-----|
| 1 | Crossref 31 words h. eutamene. "Guanylate cyclase C-mediated antinociceptive effects of linaclotide in rodent models of visceral pain" | 1% |
| 2 | Internet 29 words crawled on 02-Dec-2017 www.wjgnet.com | 1% |
| 3 | Crossref 15 words Anusha Thadi, Viren Patwa, Apoorva Joshi, John A. Foss, E. Priya Eddy, Vaseem A. Palejwala, Kunwar Shailubhai | <1% |
| 4 | Internet 15 words crawled on 05-Oct-2017 real.mtak.hu | <1% |
| 5 | Crossref 13 words Blake M. Paterson, Jerrold R. Turner. "Inhibitors of Intestinal Barrier Dysfunction", S. Karger AG, 2008 | <1% |
| 6 | Internet 13 words crawled on 21-Jul-2017 mdpi.com | <1% |
| 7 | Crossref 12 words Lima, A.A.M., and M.C. Fonteles. "From Escherichia coli heat-stable enterotoxin to mammalian endogenous guanylate cyclase-C agonists" | <1% |
| 8 | Internet 12 words crawled on 12-Nov-2017 www.hal.inserm.fr | <1% |
| 9 | Internet 12 words crawled on 01-Jul-2017 www.labome.org | <1% |



Oral treatment with plecanatide or dolcanatide attenuates visceral hyper:



全部

图片

新闻

购物

视频

更多

设置

工具

获得 9 条结果 (用时 0.49 秒)

Plecanatide and dolcanatide, novel guanylate cyclase-C ... - NCBI - NIH

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4635161/> ▼ 翻译此页

作者: K Shailubhai - 2015 - 被引用次数: 19 - 相关文章

2015年11月6日 - AIM: To evaluate the effect of orally administered plecanatide or dolcanatide, analogs of uroguanylin, on amelioration of colitis in murine models. METHODS: The cyclic guanosine monophosphate (cGMP) stimulatory potency of plecanatide and dolcanatide was measured using a human colon carcinoma ...

Plecanatide and dolcanatide, novel guanylate cyclase-C agonists ...

https://www.researchgate.net/.../283716682_Plecanatide_and_dolcanatide_novel_guanyl...

2015年11月13日 - Aim: To evaluate the effect of orally administered plecanatide or dolcanatide, analogs of uroguanylin, on amelioration of colitis in murine models. Methods: The cyclic guanosine monophosphate (cGMP) stimulatory potency of plecanatide and dolcanatide was measured using a human colon carcinoma T84 ...

Catherine Beaufrand's scientific contributions in Hypersensitivity and Gut

https://www.researchgate.net/scientific.../2007314490_Catherine_Beaufrand - 翻译此页

Stress is a major factor triggering abdominal pain in IBS and causing hypersensitivity to colonic distension in animals through an increased colonic permeability. The antinociceptive ... Article: Oral treatment with Plecanatide and SP-333, agonists of guanylate cyclase-C, attenuates visceral hypersensitivity in rat models.

Frontiers | Polyunsaturated Fatty Acids and Their Derivatives ...

<https://www.frontiersin.org/articles/10.3389/fphar.2016.00459/full> ▼ 翻译此页

作者: A Michalak - 2016 - 被引用次数: 10 - 相关文章


In line, the activation of classical CB1 and CB2 receptors reduces inflammation-induced hypermotility and attenuates visceral hypersensitivity (Sanson et al., Plecanatide and dolcanatide, novel guanylate cyclase-C agonists, ameliorate gastrointestinal inflammation in experimental models of murine colitis basic study.

tnbs colitis model: Topics by Science.gov

[全部](#)[图片](#)[新闻](#)[购物](#)[视频](#)[更多](#)[设置](#)[工具](#)

找到约 173 条结果 (用时 0.54 秒)

TRULANCE® (plecanatide) - Get Patient Information

 www.trulance.com/ ▼

View Full Safety, Prescribing Information and Boxed Warning Here.

[Clinical Information](#) · [Talk to Your Doctor](#) · [Savings-to-Go](#)

Common Side Effects

Learn About the Potential Side

Effects of Taking TRULANCE®.

How It Works

Watch a Video to Learn


How TRULANCE® Works.

LINZESS® (linaclotide) - Official Website - Learn More

 www.linzess.com/ ▼

View Full Safety, Prescribing Info & Boxed Warning. Learn More About LINZESS®.

AMITIZA (lubiprostone) - Savings Program

 www.amitiza.com/savings ▼

You may be eligible to save on your prescription. Learn more and apply today.

[Read the safety info](#) · [Download Tools](#) · [Read the FAQs](#) · [Get tools & resources](#)

[Tools and Resources](#) · [Financial Support](#) · [Activate Savings Card](#) · [Talk to Your Doctor](#)

Plecanatide and dolcanatide, novel guanylate cyclase-C agonists ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4635161/> ▼ [翻译此页](#)

作者: K Shailubhai - 2015 - 被引用次数: 21 - 相关文章

2015年11月6日 - AIM: To evaluate the effect of orally administered plecanatide or dolcanatide, analogs of uroguanylin, on amelioration of colitis in murine models. METHODS: The cyclic guanosine monophosphate (cGMP) stimulatory potency of plecanatide and dolcanatide was measured using a human colon carcinoma ...

Frontiers | Guanylate cyclase-C/cGMP: an emerging pathway in the ...

<https://www.frontiersin.org/articles/10.3389/fnmol.2014.00031/full> ▼ [翻译此页](#)

作者: G Hannig - 2014 - 被引用次数: 19 - 相关文章

Evidence that the visceral analgesic effects of linaclotide are mediated by a novel, GC-C-dependent peripheral sensory mechanism was first demonstrated in animal models of visceral pain. Subsequent studies with uroguanylin or linaclotide have confirmed the activation of a GC-C/cGMP pathway leading



Oral treatment with plecanatide or dolcanatide attenuates visceral hyper:



全部

图片

新闻

购物

视频

更多

设置

工具

找到约 171 条结果 (用时 0.66 秒)

Plecanatide and dolcanatide, novel guanylate cyclase-C agonists ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4635161/> ▼ 翻译此页

作者: K Shailubhai - 2015 - 被引用次数: 21 - 相关文章

2015年11月6日 - AIM: To evaluate the effect of orally administered plecanatide or dolcanatide, analogs of uroguanylin, on amelioration of colitis in murine models. METHODS: The cyclic guanosine monophosphate (cGMP) stimulatory potency of plecanatide and dolcanatide was measured using a human colon carcinoma ...

Plecanatide and dolcanatide, novel guanylate cyclase-C agonists ...

https://www.researchgate.net/.../283716682_Plecanatide_and_dolcanatide_novel_guanyl...

2015年11月13日 - Aim: To evaluate the effect of orally administered plecanatide or dolcanatide, analogs of uroguanylin, on amelioration of colitis in murine models. Methods: The cyclic guanosine monophosphate (cGMP) stimulatory potency of plecanatide and dolcanatide was measured using a human colon carcinoma T84 ...

[PDF] PowerPoint Poster Template

<content.stockpr.com/.../ACG+poster+VisceralHypersensitivity+Final.pdf> ▼ 翻译此页

P1711. Plecanatide and SP-333, Novel Agonists of Guanylate Cyclase-C, Attenuate Visceral Hypersensitivity in Rat Models. Kunwar Shailubhai,1,3 Illona-Marie Boulete,2 John Foss,1 Priya Eddy,1 Anusha Thadi,3 Apoorva Joshi,3 Viren Patwa,3. Vasila Theodorou,2 Vaseem Palejwala,1 and Lionel Bueno2. 1Synergy ...

缺少字词: oral dolcanatide

Frontiers | Guanylate cyclase-C/cGMP: an emerging pathway in the ...

<https://www.frontiersin.org/articles/10.3389/fnmol.2014.00031/full> ▼ 翻译此页

作者: G Hannig - 2014 - 被引用次数: 19 - 相关文章

Evidence that the visceral analgesic effects of linacotide are mediated by a novel, GC-C-dependent peripheral sensory mechanism was first demonstrated in animal models of visceral pain. Subsequent studies with uroguanylin or linacotide have confirmed the activation of a GC-C/cGMP pathway leading to increased ...

缺少字词: plecanatide dolcanatide