

Name of journal: World Journal of Biological Chemistry

Manuscript No.: 20018

Manuscript Type: EVIDENCE-BASED MEDICINE

JAK3 inhibitor VI is a mutant specific inhibitor for ³³epidermal growth factor receptor with the gatekeeper mutation T790M

Naoyuki Nishiya, Yasumitsu Sakamoto, Yusuke Oku, Takamasa Nonaka,
Yoshimasa Uehara

Abstract

AIM: To identify non-quinazoline kinase inhibitors effective against drug resistant mutants of epidermal growth factor receptor (EGFR)

Match Overview

1	Internet 42 words crawled on 19-Jul-2010 www.ncbi.nlm.nih.gov	1%
2	Internet 32 words crawled on 22-Apr-2010 jimmunol.highwire.org	1%
3	Publications 25 words Weiß, Jonathan. "Deciphering oncogene dependencies and signaling pathway alterations in non small cell lung cancer"	1%
4	CrossCheck 24 words Sakamoto, Yasumitsu, Yoshiyuki Suzuki, Ippei Izuka, Chikara Tateoka, Saori Roppongi, Mayu Fujimoto, Koji Inaka, Hiroaki	1%
5	Internet 23 words crawled on 04-Jan-2014 jcb.rupress.org	<1%
6	Internet 23 words crawled on 17-Dec-2013 www.science.gov	<1%
7	CrossCheck 23 words &NA: "Abstracts", Journal of Thoracic Oncology, 09/2009	<1%
8	Internet 18 words crawled on 04-Mar-2010 www.faqs.org	<1%
	Internet 16 words	<1%



JAK3 inhibitor VI is a mutant specific inhibitor for EGFR with the gatekeeper



网页 图片 地图 视频 新闻 更多 搜索工具

找到约 11,100 条结果 (用时 1.06 秒)

JAK3 Inhibitors - apexbt.com

广告 www.apexbt.com/

Potent JAK3 Inhibitors In Stock, Sample Solution Available!

receptor t790m mutant: Topics by WorldWideScience.org

worldwidescience.org/topicpages/r/receptor+t790m+mutant.html

Novel mutant-selective EGFR kinase inhibitors against EGFR T790M ... by the development of drug-resistance mutations, including the gatekeeper T790M mutation. Co-expression of wild-type JAK3 partially reverted the inhibition by gammac, Hung, D. T.; Vu, T. K.; Wheaton, V. I.; Charo, I. F.; Nelken, N. A.; Esmon, N.; ...

EGFR epidermal growth factor receptor [(human)]

www.ncbi.nlm.nih.gov/gene/1956 翻译此页

The treatment with EGFR inhibitor in combination with non-surgical combined Report mutation-specific immunohistochemistry, using optimized procedures, as a Results show that minor EGFR T790M mutations were present in 13% of of both Janus kinase 3 (JAK3) and epidermal growth factor receptor (EGFR).

Biochemicals & Kinases || Cayman Chemical | Supplier

<https://www.caymanchem.com/app/template/...vm/.../kinases...> 翻译此页

17569, Adenosine Kinase Inhibitor (hydrate) New, -, ≥98%, 2015-04-30 ... signaling ATs 9283 AT9283 AT-9283 auroras A B aurora-A aurora-B JAKs JAK-2 JAK-3 2 3 ... EGFR mutants tumor cancer biochemical inhibit kinase AZD9291 T790M specific inhibitor inhibit tyrosine kinase activity EGFR epidermal growth factor ...

Get PDF (868K) - Wiley Online Library

onlinelibrary.wiley.com/doi/10.1111/j.1582-4934.2010.../pdf 翻译此页

作者: C. Haan - 2010 - 被引用次数: 29 - 相关文章



JAK3 inhibitor VI is a mutant specific inhibitor for epidermal growth fac



网页

图片

视频

新闻

更多 ▾

搜索工具

找到约 1,110 条结果 (用时 0.97 秒)

小提示: 仅限搜索简体中文结果。您可以在设置中指定搜索语言

EGFR epidermal growth factor receptor [(human)]

www.ncbi.nlm.nih.gov/gene/1956 ▾ 翻译此页

2015年8月24日 - Combined inhibition of nucleolin and ras prevents EGFR activation in ...
from the EGFR vary depending on the ligands bound in a cell specific manner
Frequency of baseline EGFR T790M mutations and correlation with poor both
Janus kinase 3 (JAK3) and tepidermal growth factor receptor (EGFR).

receptor t790m mutant: Topics by WorldWideScience.org

worldwidescience.org/topicpages/.../receptor+t790m+mutant.ht... ▾ 翻译此页

Novel mutant-selective EGFR kinase inhibitors against EGFR T790M ... development of
drug-resistance mutations, including the gatekeeper T790M mutation.

egfr kinase inhibitors: Topics by WorldWideScience.org

worldwidescience.org/topicpages/e/egfr+kinase+inhibitors.html

Novel mutant-selective EGFR kinase inhibitors against EGFR T790M ... development of
drug-resistance mutations, including the gatekeeper T790M mutation. KU55933,
protein kinase C for Gö6976, and Janus kinase 3 for Jak3 inhibitor VI.

receptor t790m mutant: Topics by Science.gov

www.science.gov/topicpages/r/receptor+t790m+mutant.html

Novel mutant-selective EGFR kinase inhibitors against EGFR T790M ... development of
drug resistance mutations, including the gatekeeper T790M mutation1-3. (tox) MUT
mice displayed selective neuronal loss in cortical layers V and VI. JAK3 is a



[网页](#)[图片](#)[视频](#)[新闻](#)[更多 ▾](#)[搜索工具](#)

找到约 1,070 条结果 (用时 0.67 秒)

小提示: 仅限搜索简体中文结果。您可以在设置中指定搜索语言

EGFR epidermal growth factor receptor [(human)]

www.ncbi.nlm.nih.gov/gene/1956 ▾ 翻译此页

2015年8月30日 - Combined inhibition of nucleolin and ras prevents EGFR activation in ... from the EGFR vary depending on the ligands bound in a cell specific manner Frequency of baseline EGFR T790M mutations and correlation with poor both Janus kinase 3 (JAK3) and tepidermal growth factor receptor (EGFR).

receptor t790m mutant: Topics by Science.gov

www.science.gov/topicpages/r/receptor+t790m+mutant.html

Novel mutant-selective EGFR kinase inhibitors against EGFR T790M ... development of drug resistance mutations, including the gatekeeper T790M mutation1-3. (tox) MUT mice displayed selective neuronal loss in cortical layers V and VI. JAK3 is a tyrosine kinase that associates with the common γ chain of cytokine ...

receptor t790m mutant: Topics by WorldWideScience.org

worldwidescience.org/topicpages/.../receptor+t790m+mutant.ht... ▾ 翻译此页

Novel mutant-selective EGFR kinase inhibitors against EGFR T790M ... development of drug-resistance mutations, including the gatekeeper T790M mutation.

egfr kinase inhibitors: Topics by WorldWideScience.org

worldwidescience.org/topicpages/e/egfr+kinase+inhibitors.html

Novel mutant-selective EGFR kinase inhibitors against EGFR T790M ... development of drug-resistance mutations, including the gatekeeper T790M mutation. KU55933, protein kinase C for Gö6976, and Janus kinase 3 for Jak3 inhibitor VI.