

# LGX818

**Encorafenib**, also known as **LGX818** is a drug candidate for the treatment of melanoma with the V600E mutation in the B-RAF kinase. The substance is being developed by Novartis and was disclosed at the spring 2013 American Chemical Society meeting in New Orleans.<sup>[1][2][3]</sup>

It is a Selective BRAF Inhibitor,<sup>[4]</sup> and is in phase III clinical trials.

Versus Vemurafenib in BRAF Mutant Melanoma (COLUMBUS)

## 1 Clinical trials

Several clinical trials of LGX818, either alone or in combinations with the MEK inhibitor MEK162,<sup>[5]</sup> CDK4 inhibitor LEE011<sup>[6]</sup> are being run. The initial results are encouraging<sup>[4]</sup> and were presented at ASCO 2013.<sup>[7]</sup> As a result of a successful Phase Ib/II trials, Phase III trials are currently being initiated.<sup>[8]</sup>

## 2 References

- [1] Liveblogging First-Time Disclosures of Drug Structures from #ACSNOLA, 2013, C. Drahl
- [2] <http://patentscope.wipo.int/search/en/detail.jsf?docId=WO2011023773>
- [3] <http://patentscope.wipo.int/search/en/detail.jsf?docId=WO2011025927>
- [4] <http://www.novartis.com/downloads/investors/event-calendar/2012/6-bridging-science-and-patients.pdf>
- [5] <http://www.cancer.gov/clinicaltrials/search/view?cdrid=728588&version=HealthProfessional&protocolsearchid=11645832>
- [6] <http://www.cancer.gov/clinicaltrials/search/view?cdrid=745927&version=HealthProfessional&protocolsearchid=11645832>
- [7] [http://www.arraybiopharma.com/\\_documents/Publication/PubAttachment571.pdf](http://www.arraybiopharma.com/_documents/Publication/PubAttachment571.pdf) Preliminary Results From a Phase Ib/II, Open-Label, Dose-Escalation Study of the Oral Selective BRAF Inhibitor LGX818 in Combination With the Oral MEK1/2 Inhibitor MEK162 in BRAF V600-Dependent Advanced Solid Tumors
- [8] <http://clinicaltrials.gov/ct2/show/NCT01909453?term=LGX818&rank=1> Study Comparing Combination of LGX818 Plus MEK162 and LGX818 Monotherapy

## 3 Text and image sources, contributors, and licenses

### 3.1 Text

- **LGX818** *Source:* <https://en.wikipedia.org/wiki/LGX818?oldid=723056438> *Contributors:* Egonw, ChemConnector, DePiep, ChemNerd, Rod57, GrahamHardy, Dawynn, Yobot, PentiumIV, Anypodetos, AnomieBOT, CaroleHenson, BG19bot, ChrisGualtieri, MrNiceGuy1113, Vaccinationist and Anonymous: 1

### 3.2 Images

- **File:LGX818\_structure.svg** *Source:* [https://upload.wikimedia.org/wikipedia/commons/3/38/LGX818\\_structure.svg](https://upload.wikimedia.org/wikipedia/commons/3/38/LGX818_structure.svg) *License:* Public domain *Contributors:* Own work *Original artist:* Vaccinationist

### 3.3 Content license

- Creative Commons Attribution-Share Alike 3.0