

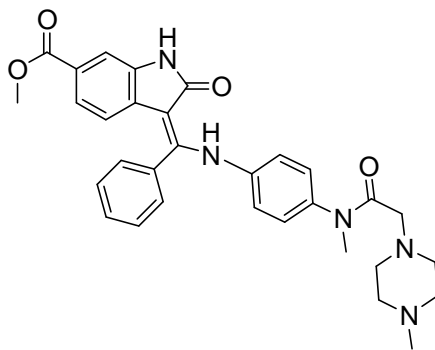
SYMANSIS™

Product Data Sheet

Compound Name

Vargatef

Structure



CAS Number

[417716-92-8]

Chemical Formula:

C₃₁H₃₃N₅O₄

Molecular Weight:

539.62

Background information

Mode of Action	kinase inhibitor
Predominant Target(s)	VEGF, PDGFR and FGFR
Published Activity	inhibits mitogen-activated protein kinase and Akt signaling pathways in three cell types contributing to angiogenesis, endothelial cells, pericytes, and smooth muscle cells
Development stage	phase III development

References

1. *BIBF 1120: triple angiokinase inhibitor with sustained receptor blockade and good antitumor efficacy. BIBF 1120: triple angiokinase inhibitor with sustained receptor blockade and good antitumor efficacy.* Hilberg F, Roth GJ, Krssak M, Kautschitsch S, Sommergruber W, Tontsch-Grunt U, Garin-Chesa P, Bader G, Zoephel A, Quant J, Heckel A, Rettig WJ. **Cancer Res.** 2008 Jun 15;68(12):4774-82
2. *Quantitative mapping of hepatic perfusion index using MR imaging: a potential reproducible tool for assessing tumour response to treatment with the antiangiogenic compound BIBF 1120, a potent triple angiokinase inhibitor.* Miyazaki K, Collins DJ, Walker-Samuel S, Taylor JN, Padhani AR, Leach MO, Koh DM. **Eur Radiol** 2008 Jul;18(7):1414-21. **Epub** 2008 Mar 20