



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

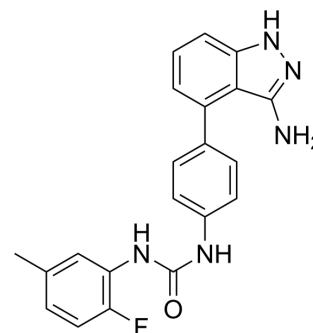
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

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## Linifanib (GMP)

Cat. No.:	HY-50751G
CAS No.:	796967-16-3
Molecular Formula:	C <sub>21</sub> H <sub>18</sub> FN <sub>3</sub> O
Molecular Weight:	375.4
Target:	VEGFR; PDGFR
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Linifanib (ABT-869) (GMP) is <a href="#">Linifanib</a> (HY-50751) produced by using GMP guidelines. GMP small molecules work appropriately as an auxiliary reagent for cell therapy manufacture. Linifanib is a potent and orally active multi-target inhibitor of VEGFR and PDGFR family with IC <sub>50</sub> s of 4, 3, 66, and 4 nM for KDR, FLT1, PDGFRβ, and FLT3, respectively. Linifanib (GMP) promotes the generation and reprogramming of iPSCs from somatic cells <sup>[1]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	IC <sub>50</sub> : 4 nM (KDR), 4 nM (FLT1), 66 nM (PDGFRβ), 3 nM (CSF-1R), 4 nM (FLT3), 14 nM (Kit) <sup>[1]</sup>
<b>In Vitro</b>	Linifanib (GMP) (1 μM) induces generation of hCiPS cells from human embryonic fibroblasts (HEFs) <sup>[1]</sup> . Linifanib (GMP) (1 μM) induces generation of hCiPS cells from hADSCs or hASFs <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### CUSTOMER VALIDATION

- Nat Biomed Eng. 2018 Aug;2(8):578-588.
- Sci Transl Med. 2018 Jul 18;10(450):eaaq1093.
- Int J Oncol. 2019 Oct;55(4):879-895.
- Harvard Medical School LINCS LIBRARY

See more customer validations on [www.MedChemExpress.com](http://www.MedChemExpress.com)

### REFERENCES

[1]. Guan J, et al. Chemical reprogramming of human somatic cells to pluripotent stem cells. Nature. 2022 May;605(7909):325-331.

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**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA