



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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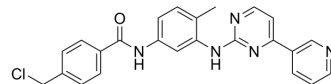
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## PDGFR $\alpha$ kinase inhibitor 2

<b>Cat. No.:</b>	HY-W143698
<b>CAS No.:</b>	404844-11-7
<b>Molecular Formula:</b>	C <sub>24</sub> H <sub>20</sub> ClN <sub>5</sub> O
<b>Molecular Weight:</b>	429.9
<b>Target:</b>	Bcr-Abl; c-Kit; PDGFR
<b>Pathway:</b>	Protein Tyrosine Kinase/RTK
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	PDGFR $\alpha$ kinase inhibitor 2 (compound 1), an Imatinib (HY-15463) analogue, is a covalent and irreversible kinase inhibitor with IC <sub>50</sub> s of 6.95 $\mu$ M, 2.45 $\mu$ M, 1.39 $\mu$ M for ABL1 wt, KIT wt, PDGFR wt <sup>[1]</sup> .		
<b>IC<sub>50</sub> &amp; Target</b>	Abl1 6.95 $\mu$ M (IC <sub>50</sub> )	KIT 2.45 $\mu$ M (IC <sub>50</sub> )	PDGFR 1.39 $\mu$ M (IC <sub>50</sub> )

### REFERENCES

[1]. Emeline Leproult, et al. Cysteine mapping in conformationally distinct kinase nucleotide binding sites: application to the design of selective covalent inhibitors. J Med Chem. 2011 Mar 10;54(5):1347-55.

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

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