



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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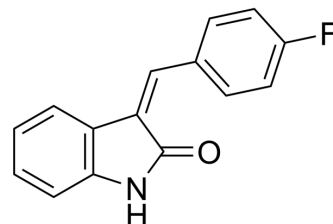
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SU5205

Cat. No.:	HY-21289
CAS No.:	3476-86-6
Molecular Formula:	C ₁₅ H ₁₀ FNO
Molecular Weight:	239.24
Target:	VEGFR
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Powder -20°C 3 years 4°C 2 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 250 mg/mL (1044.98 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		4.1799 mL	20.8995 mL	41.7990 mL
	5 mM		0.8360 mL	4.1799 mL	8.3598 mL
	10 mM		0.4180 mL	2.0900 mL	4.1799 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description	SU5205 is an inhibitor of VEGFR2 (FLK-1), with an IC ₅₀ of 9.6 μM ^[1] .
IC ₅₀ & Target	Flk-1 9.6 μM (IC ₅₀)
In Vitro	SU5205 inhibits ligand-induced endothelial mitogenesis for VEGF with an IC ₅₀ of 5.1 μM ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Torsten K, et, al. Synthesis and radiopharmacological investigation of 3-[4'-[(18)F]fluorobenzylidene]indolin-2-one as possible tyrosine kinase inhibitor. Bioorg Med Chem. 2009 Nov 15; 17(22): 7732-42.

[2]. Huh S, et al. Melanogenesis inhibitory effect of fatty acid alkyl esters isolated from Oxalis triangularis. Biol Pharm Bull. 2010;33(7):1242-5.

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

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