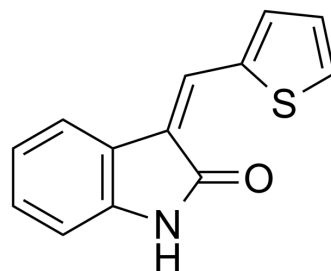


SU5208

Cat. No.:	HY-136209		
CAS No.:	62540-08-3		
Molecular Formula:	C ₁₃ H ₉ NOS		
Molecular Weight:	227.28		
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 : 100 mg/mL (439.99 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	4.3999 mL	21.9993 mL	43.9986 mL
	5 mM	0.8800 mL	4.3999 mL	8.7997 mL
	10 mM	0.4400 mL	2.1999 mL	4.3999 mL

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

BIOLOGICAL ACTIVITY

Description SU5208 inhibits vascular endothelial growth factor receptor-2 (VEGFR2)^[1].

IC₅₀ & Target VEGFR2

REFERENCES

[1]. Camila Muñoz, et al. Study of differences in the VEGFR2 inhibitory activities between semaxanib and SU5205 using 3D-QSAR, docking, and molecular dynamics simulations. J Mol Graph Model. 2012 Feb;32:39-48.

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

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