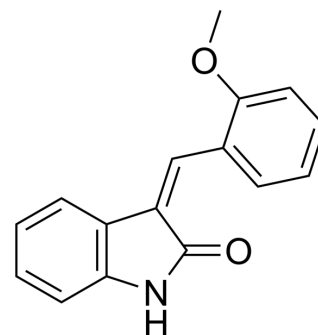


SU5214

Cat. No.:	HY-21292		
CAS No.:	186611-04-1		
Molecular Formula:	C ₁₆ H ₁₃ NO ₂		
Molecular Weight:	251.28		
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 (397.96 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.9796 mL	19.8981 mL	39.7962 mL
	5 mM	0.7959 mL	3.9796 mL	7.9592 mL
	10 mM	0.3980 mL	1.9898 mL	3.9796 mL

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

BIOLOGICAL ACTIVITY

Description

SU5214 is a potent VEGFR2 inhibitor extracted from patent US5834504A, SU5214, has IC₅₀s of 14.8 μM (FLK-1) and 36.7 μM (EGFR), respectively^[1].

IC₅₀ & Target

Flk-1
14.8 μM (IC₅₀)

REFERENCES

[1]. Tang et al. 3-(2'-halobenzylidene)-2-indolinone compounds for the treatment of disease. US5834504A.

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

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