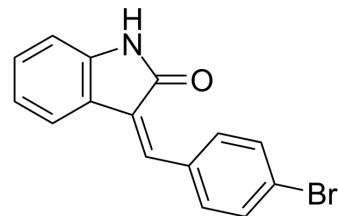


## SU-4942

Cat. No.:	HY-21290		
CAS No.:	76086-99-2		
Molecular Formula:	C <sub>15</sub> H <sub>10</sub> BrNO		
Molecular Weight:	300.15		
Target:	Tyrosinase		
Pathway:	Metabolic Enzyme/Protease		
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 (832.92 mM; ultrasonic and warming and heat to 60°C)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	3.3317 mL	16.6583 mL	33.3167 mL
		5 mM	0.6663 mL	3.3317 mL	6.6633 mL
10 mM		0.3332 mL	1.6658 mL	3.3317 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (6.93 mM); Clear solution				

### BIOLOGICAL ACTIVITY

Description	SU-4942 is a tyrosine kinase signal signal modulator. SU-4942 inhibits VEGF- and endothelial cell growth factor (ECGF)-induced mitogenesis in endothelial cells (US5792783A) <sup>[1]</sup> .
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### REFERENCES

[1]. Peng Cho Tang, et al. 3-Heteroaryl-2-Indolinone compounds for the treatment of disease. US5792783A.

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

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