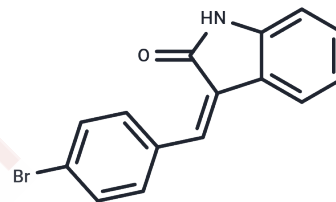


SU 4942

## Chemical Properties

CAS No. : 76086-99-2  
 Formula: C<sub>15</sub>H<sub>10</sub>BrNO  
 Molecular Weight: 300.15  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
 Actual storage temperature shall be subject to the COA.



## Biological Description

Description	SU-4942 is a regulator of tyrosine kinase signaling. It inhibits VEGF and endothelial cell growth factor (ECGF)-induced mitosis in endothelial cells (US5792783A).
Targets(IC50)	Tyrosinase

## Solubility Information

Solubility	DMSO: 45 mg/mL (149.93 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+90% Corn Oil: 2 mg/mL (6.66 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

## Preparing Stock Solutions

	1mg	5mg	10mg
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
50 mM	0.0666 mL	0.3332 mL	0.6663 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Cohen AJ, et al. 30-Day Morbidity and Reoperation Following Midurethral Sling: Analysis of 8772 Cases Using a National Prospective Database. Urology. 2016 Sep;95:72-9.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481