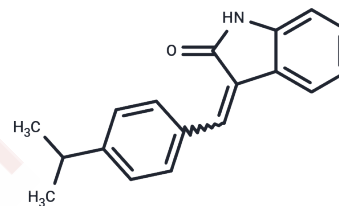


SU 4313

Chemical Properties

CAS No. : 186611-55-2
 Formula: C₁₈H₁₇NO
 Molecular Weight: 263.33
 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 4313 is a bioactive chemical.
Targets(IC50)	EGFR,Others,IGF-1R,PDGFR

Solubility Information

Solubility	DMSO: 65 mg/mL (246.84 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+90% Corn Oil: 5 mg/mL (18.99 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	3.7975 mL	18.9876 mL	37.9752 mL
5 mM	0.7595 mL	3.7975 mL	7.595 mL
10 mM	0.3798 mL	1.8988 mL	3.7975 mL
50 mM	0.076 mL	0.3798 mL	0.7595 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

Eur Radiol. 2016; 26(12): 4313-4322.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

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