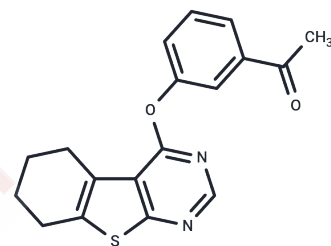


## VEGFR-2-IN-37

## Chemical Properties

CAS No. : 298207-77-9  
 Formula: C<sub>18</sub>H<sub>16</sub>N<sub>2</sub>O<sub>2</sub>S  
 Molecular Weight: 324.4  
 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	VEGFR-2-IN-37 (compound 12), a VEGFR-2 inhibitor, demonstrates an inhibition rate of approximately 56.9 $\mu$ M at 200 $\mu$ M concentration and is identified as a potential inhibitor of human umbilical vein endothelial cell (HUVEC) proliferation [1].
Targets(IC50)	VEGFR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0826 mL	15.4131 mL	30.8261 mL
5 mM	0.6165 mL	3.0826 mL	6.1652 mL
10 mM	0.3083 mL	1.5413 mL	3.0826 mL
50 mM	0.0617 mL	0.3083 mL	0.6165 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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