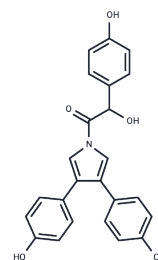


## 7-Hydroxyneolamellarin A

## Chemical Properties

CAS No. :	959662-26-1
Formula:	C <sub>24</sub> H <sub>19</sub> NO <sub>5</sub>
Molecular Weight:	401.41
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	7-Hydroxyneolamellarin A, a natural product from the sponge <i>Dendrilla nigra</i> , serves as a potent inhibitor of hypoxia-inducible factor-1 $\alpha$ (HIF-1 $\alpha$ ). It effectively reduces the accumulation of HIF-1 $\alpha$ protein and suppresses vascular epidermal growth factor (VEGF) transcriptional activity, making it valuable in cancer research [1].
Targets(IC50)	Others,HIF/HIF Prolyl-Hydroxylase,VEGFR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4912 mL	12.4561 mL	24.9122 mL
5 mM	0.4982 mL	2.4912 mL	4.9824 mL
10 mM	0.2491 mL	1.2456 mL	2.4912 mL
50 mM	0.0498 mL	0.2491 mL	0.4982 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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