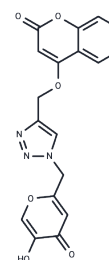


## Tyrosinase-IN-5

## Chemical Properties

CAS No. :	2525175-90-8
Formula:	C <sub>18</sub> H <sub>13</sub> N <sub>3</sub> O <sub>6</sub>
Molecular Weight:	367.31
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	Tyrosinase-IN-5 (compound 16c) is a potent tyrosinase inhibitor with an IC <sub>50</sub> value of 0.02 μM, effectively suppressing melanogenesis and exhibiting minimal cellular toxicity [1].
Targets(IC <sub>50</sub> )	Others, Tyrosinase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7225 mL	13.6125 mL	27.225 mL
5 mM	0.5445 mL	2.7225 mL	5.445 mL
10 mM	0.2722 mL	1.3612 mL	2.7225 mL
50 mM	0.0544 mL	0.2722 mL	0.5445 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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