

## Tyrosinase-IN-3

## Chemical Properties

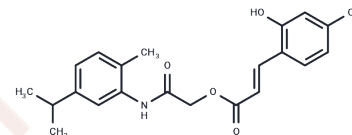
CAS No. : 2409081-40-7

Formula: C<sub>21</sub>H<sub>23</sub>NO<sub>5</sub>

Molecular Weight: 369.41

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   | Tyrosinase-IN-3 (compound 54) is a potent inhibitor of tyrosinase, a copper-containing metalloenzyme essential in melanin biosynthesis and enzymatic browning, showing potential for research in skin whitening agents and food preservatives [1]. |
| Targets(IC50) | Others, Tyrosinase   |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.707 mL  | 13.5351 mL | 27.0702 mL |
| 5 mM  | 0.5414 mL | 2.707 mL   | 5.414 mL   |
| 10 mM | 0.2707 mL | 1.3535 mL  | 2.707 mL   |
| 50 mM | 0.0541 mL | 0.2707 mL  | 0.5414 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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