

## Bilaid A

## Chemical Properties

CAS No. : 2393865-97-7

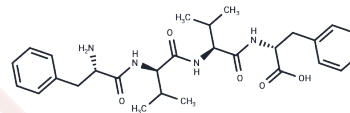
Formula: C<sub>28</sub>H<sub>38</sub>N<sub>4</sub>O<sub>5</sub>

Molecular Weight: 510.63

Keep away from moisture

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                | Bilaid A is a $\mu$ -opioid receptor agonist derived from Penicillium, with a $K_i$ value of 3.1 $\mu$ M. It is utilized in pain research. |
| Targets(IC <sub>50</sub> ) | Opioid Receptor  |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 1.9584 mL | 9.7918 mL | 19.5837 mL |
| 5 mM  | 0.3917 mL | 1.9584 mL | 3.9167 mL  |
| 10 mM | 0.1958 mL | 0.9792 mL | 1.9584 mL  |
| 50 mM | 0.0392 mL | 0.1958 mL | 0.3917 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

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

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