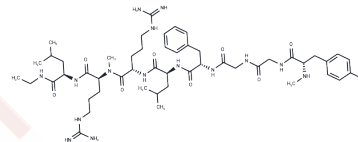


## (N-Me-Tyr1,N-Me-Arg7,D-Leu-NHEt8)-Dynorphin A (1-8)

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 103613-84-9   |
| Formula:          | C50H81N15O9   |
| Molecular Weight: | 1036.27   |
| Storage:          | Keep away from moisture<br>Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br><small>Actual storage temperature shall be subject to the COA.</small> |



## Biological Description

|               |  |
|---------------|--|
| Description   | E-2078, known chemically as (N-Me-Tyr1,N-Me-Arg7,D-Leu-NHEt8)-Dynorphin A (1-8), is a stable analog of Dynorphin A (1-8) and functions as a kappa opioid receptor (KOR) agonist [1]. |
| Targets(IC50) | Opioid Receptor  |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg     |
|-------|-----------|-----------|----------|
| 1 mM  | 0.965 mL  | 4.825 mL  | 9.650 mL |
| 5 mM  | 0.193 mL  | 0.965 mL  | 1.930 mL |
| 10 mM | 0.0965 mL | 0.4825 mL | 0.965 mL |
| 50 mM | 0.0193 mL | 0.0965 mL | 0.193 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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