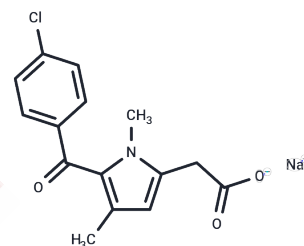


## Zomepirac sodium salt

## Chemical Properties

|                   |                                                          |
|-------------------|----------------------------------------------------------|
| CAS No. :         | 64092-48-4                                               |
| Formula:          | C <sub>15</sub> H <sub>13</sub> ClNNaO <sub>3</sub>      |
| Molecular Weight: | 313.71                                                   |
| Appearance:       | no data available                                        |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year |



## Biological Description

|               |                                                                                 |
|---------------|---------------------------------------------------------------------------------|
| Description   | Zomepirac sodium salt (McN-2783-21-98) is a prostaglandin synthetase inhibitor. |
| Targets(IC50) | PDE,PGE Synthase                                                                |

## Solubility Information

|            |                                                                                                                                                                                 |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Solubility | DMSO: 100 mg/mL (318.77 mM),Sonication is recommended.<br>H2O: 5 mg/mL (15.94 mM),Sonication is recommended.<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 3.1877 mL | 15.9383 mL | 31.8766 mL |
| 5 mM  | 0.6375 mL | 3.1877 mL  | 6.3753 mL  |
| 10 mM | 0.3188 mL | 1.5938 mL  | 3.1877 mL  |
| 50 mM | 0.0638 mL | 0.3188 mL  | 0.6375 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.

## Reference

Hata AN, et al. Mol Pharmacol. 2005 Mar;67(3):640-7.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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