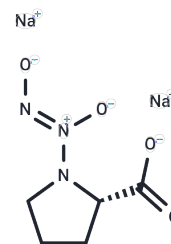


PROLI NONOate

Chemical Properties

| | |
|-------------------|--|
| CAS No. : | 178948-42-0 |
| Formula: | C ₅ H ₇ N ₃ Na ₂ O ₄ |
| Molecular Weight: | 219.11 |
| Storage: | Keep away from direct sunlight, Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small> |



Biological Description

| | |
|---------------|--|
| Description | PROLI NONOate is an NO donor that controls RO membrane biofouling. |
| Targets(IC50) | Others |

Solubility Information

| | |
|------------|---|
| Solubility | Aqueous buffers: 100 mg/mL (456.39 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 4.5639 mL | 22.8196 mL | 45.6392 mL |
| 5 mM | 0.9128 mL | 4.5639 mL | 9.1278 mL |
| 10 mM | 0.4564 mL | 2.282 mL | 4.5639 mL |
| 50 mM | 0.0913 mL | 0.4564 mL | 0.9128 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.

Reference

Saavedra, et al. Localizing antithrombotic and vasodilatory activity with a novel, ultrafast nitric oxide donor. J. Med. Chem. 39, 4361-4365 (1996).

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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