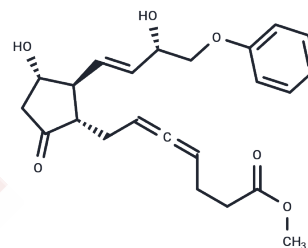


Enprostil

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 73121-56-9 |
| Formula: | C ₂₃ H ₂₈ O ₆ |
| Molecular Weight: | 400.46 |
| 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 | Enprostil is a synthetic PGE ₂ analog that has an inhibitory effect on gastric acid secretion, a mucoprotective effect, and a postprandial lowering effect on gastrin. It has efficient and safe in the therapy of gastroduodenal ulcers. |
| Targets(IC ₅₀) | Others, Prostaglandin Receptor |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.4971 mL | 12.4856 mL | 24.9713 mL |
| 5 mM | 0.4994 mL | 2.4971 mL | 4.9943 mL |
| 10 mM | 0.2497 mL | 1.2486 mL | 2.4971 mL |
| 50 mM | 0.0499 mL | 0.2497 mL | 0.4994 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

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- Bardhan KD, Walker R, Hinchliffe RF, Bose K, Morris P, Thompson M, Miller JP, Toivanen E, Thompson RP, Patrier P, et al. Gastric ulcer healing: a comparison of enprostil versus ranitidine. *J Clin Gastroenterol.* 1991 Apr;13(2):157-62. PubMed PMID: 1903407.
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