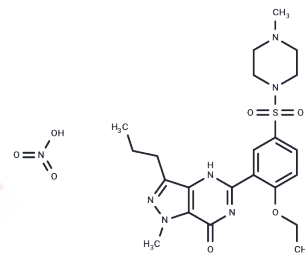


Sildenafil nitrate

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 252951-59-0 |
| Formula: | C ₂₂ H ₃₁ N ₇ O ₇ S |
| Molecular Weight: | 537.59 |
| 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 | Sildenafil nitrate is a selective inhibitor of PDE5 (type 5 cGMP phosphodiesterase) which catalyzes the hydrolysis of 3',5'-cyclic guanosine monophosphate (cGMP). |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.8602 mL | 9.3008 mL | 18.6015 mL |
| 5 mM | 0.372 mL | 1.8602 mL | 3.7203 mL |
| 10 mM | 0.186 mL | 0.9301 mL | 1.8602 mL |
| 50 mM | 0.0372 mL | 0.186 mL | 0.372 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

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