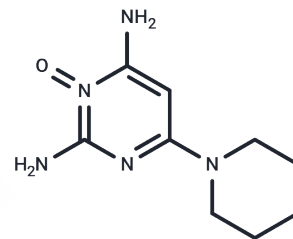


Minoxidil

Chemical Properties

| | |
|-------------------|--|
| CAS No. : | 38304-91-5 |
| Formula: | C ₉ H ₁₅ N ₅ O |
| Molecular Weight: | 209.25 |
| Appearance: | no data available |
| Storage: | Powder: -20°C for 3 years In solvent: -80°C for 1 year |



Biological Description

| | |
|---------------|---|
| Description | Minoxidil (U10858) is an orally administered vasodilator with hair growth stimulatory and antihypertensive effects. |
| Targets(IC50) | COX,Potassium Channel |

Solubility Information

| | |
|------------|---|
| Solubility | DMSO: 2.09 mg/mL (10 mM),Sonication is recommended. Ethanol: 5.2 mg/mL (24.85 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 4.779 mL | 23.8949 mL | 47.7897 mL |
| 5 mM | 0.9558 mL | 4.779 mL | 9.5579 mL |
| 10 mM | 0.4779 mL | 2.3895 mL | 4.779 mL |
| 50 mM | 0.0956 mL | 0.4779 mL | 0.9558 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

Evans JM, et al. J Exp Biol. 2005 Oct; 208(Pt 19):3771-83.

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