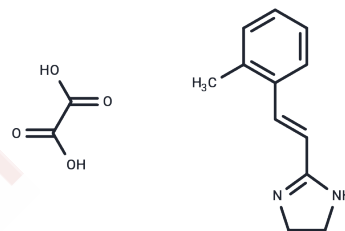


Metrazoline

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 221225-04-3 |
| Formula: | C ₁₄ H ₁₆ N ₂ O ₄ |
| Molecular Weight: | 276.288 |
| 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 | Metrazoline (o-Methyl-tracizoline) acts as a ligand for adrenergic receptors (low affinity) and imidazoline I ₂ receptors. |
| Targets(IC ₅₀) | Adrenergic Receptor, Imidazoline Receptor |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.6194 mL | 18.0969 mL | 36.1939 mL |
| 5 mM | 0.7239 mL | 3.6194 mL | 7.2388 mL |
| 10 mM | 0.3619 mL | 1.8097 mL | 3.6194 mL |
| 50 mM | 0.0724 mL | 0.3619 mL | 0.7239 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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