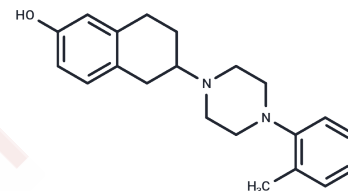


Tolnapersine

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 70312-00-4 |
| Formula: | C ₂₁ H ₂₆ N ₂ O |
| Molecular Weight: | 322.44 |
| 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 | Tolnapersine is a mixed dopamine agonist and alpha-adrenoceptor antagonist. |
| Targets(IC50) | Others,Adrenergic Receptor,Dopamine Receptor,P-gp |
| In vivo | Tolnapersine (BK 34/530) (50 and 100 mg; orally) a compound with mixed dopamine agonist and α -adrenoceptor antagonist activity, impaired gastric adaptive relaxation as measured by the volume 5 min after the 50 mg dose and at the higher dose delayed gastric emptying as compared to placebo and in the case of BK 34/530, the 100 mg dose caused significant tachycardia.[1] |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.1014 mL | 15.5068 mL | 31.0135 mL |
| 5 mM | 0.6203 mL | 3.1014 mL | 6.2027 mL |
| 10 mM | 0.3101 mL | 1.5507 mL | 3.1014 mL |
| 50 mM | 0.062 mL | 0.3101 mL | 0.6203 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

Bateman DN. Studies on the pharmacological control of gastric emptying in man. Br J Clin Pharmacol. 1985;20(4): 339-344.

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