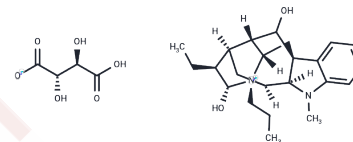


Prajmalium bitartrate

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 2589-47-1 |
| Formula: | C ₂₇ H ₃₈ N ₂ O ₈ |
| Molecular Weight: | 518.607 |
| 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 | Prajmalium bitartrate, a derivative of the rauwolfia alkaloid AJMALINE, is an anti-arrhythmia agent but may cause liver damage. |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.9282 mL | 9.6412 mL | 19.2823 mL |
| 5 mM | 0.3856 mL | 1.9282 mL | 3.8565 mL |
| 10 mM | 0.1928 mL | 0.9641 mL | 1.9282 mL |
| 50 mM | 0.0386 mL | 0.1928 mL | 0.3856 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

- Trefanec J, Langmeierová M, Zelezná J. [Acute anicteric hepatitis and intrahepatic cholestasis caused by administration of prajmalium bitartrate (Neo-Gilurytmal)]. Cas Lek Cesk. 1994 Jan 31;133(3):83-5. Czech. PubMed PMID: 8137378.
- Breuel HP, Weimann HJ, Dahmen W, Hausleiter HJ, Bondy S. Pharmacokinetics and relative bioavailability of prajmalium bitartrate after single oral dosing. Arzneimittelforschung. 1991 Dec;41(12):1222-5. PubMed PMID: 1815520.
- Jähnchen E. [Interactions between digitoxin, flecainide and prajmalium bitartrate?]. Dtsch Med Wochenschr. 1991 Jun 28;116(26):1035-6. German. PubMed PMID: 1905622.
- Azzam Z, Krivoy N. [Transient liver damage due to prajmalium bitartrate]. Harefuah. 1991 Jan 1;120(1):17-8. Hebrew. PubMed PMID: 2010122.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481