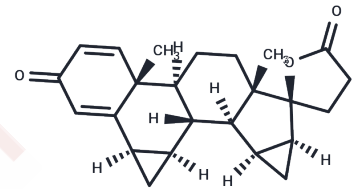


## Spirorenone

## Chemical Properties

CAS No. :	74220-07-8
Formula:	C <sub>24</sub> H <sub>28</sub> O <sub>3</sub>
Molecular Weight:	364.48
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Spirorenone (INN) is a novel aldosterone antagonist with anti-salt corticosteroid activity, used in metabolic disease research.
Targets(IC50)	Glucocorticoid Receptor
In vitro	Spirorenone is a very weak AR and PR agonist. [1]

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7436 mL	13.7182 mL	27.4363 mL
5 mM	0.5487 mL	2.7436 mL	5.4873 mL
10 mM	0.2744 mL	1.3718 mL	2.7436 mL
50 mM	0.0549 mL	0.2744 mL	0.5487 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

- Casals-Stenzel J, et al. The renal action of spirorenone and other 6 beta,7 beta; 15 beta,16 beta-dimethylene-17-spirolactones, a new type of steroidal aldosterone antagonists. *Arzneimittelforschung*. 1984;34(3):241-6.
- Losert W, et al. Mespirenone and other 15,16-methylene-17-spirolactones, a new type of steroidal aldosterone antagonists. *Arzneimittelforschung*. 1986 Nov;36(11):1583-600.

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