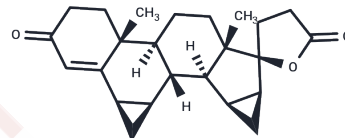


## Drospirenone

## Chemical Properties

CAS No. : 67392-87-4  
 Formula: C<sub>24</sub>H<sub>30</sub>O<sub>3</sub>  
 Molecular Weight: 366.49  
 Appearance: no data available  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## Biological Description

Description	Drospirenone (ZK 3059) is a synthetic spironolactone analogue and progestin with progestational and anti-mineralocorticoid activity.
Targets(IC50)	Glucocorticoid Receptor, Estrogen/progestogen Receptor, Androgen Receptor, COX, Progesterone Receptor

## Solubility Information

Solubility	Ethanol: 9 mg/mL (24.56 mM), Sonication is recommended. DMSO: 55 mg/mL (150.07 mM), Sonication is recommended. H <sub>2</sub> O: < 1 mg/mL (insoluble or slightly soluble), (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7286 mL	13.6429 mL	27.2859 mL
5 mM	0.5457 mL	2.7286 mL	5.4572 mL
10 mM	0.2729 mL	1.3643 mL	2.7286 mL
50 mM	0.0546 mL	0.2729 mL	0.5457 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

Bray JD, et al. J Steroid Biochem Mol Biol. 2005 Dec;97(4):328-41.

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: 36 Washington Street, Wellesley Hills, MA 02481