



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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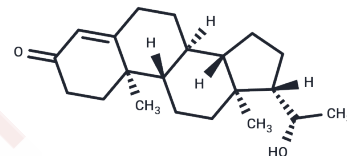
[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

20 $\alpha$ -Dihydroprogesterone

## Chemical Properties

|                   |                                                          |
|-------------------|----------------------------------------------------------|
| CAS No. :         | 145-14-2                                                 |
| Formula:          | C <sub>21</sub> H <sub>32</sub> O <sub>2</sub>           |
| Molecular Weight: | 316.48                                                   |
| Appearance:       | no data available                                        |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year |



## Biological Description

|             |                                                                                                                                                                                                                                                             |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | 20 $\alpha$ -Dihydroprogesterone, a metabolite of Progesterone, inhibits cell proliferation and migration in breast tissue. It also suppresses aromatase (aromatase) activity in MCF-7aro cells, with an IC <sub>50</sub> value of approximately 5 $\mu$ M. |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 3.1598 mL | 15.7988 mL | 31.5976 mL |
| 5 mM  | 0.632 mL  | 3.1598 mL  | 6.3195 mL  |
| 10 mM | 0.316 mL  | 1.5799 mL  | 3.1598 mL  |
| 50 mM | 0.0632 mL | 0.316 mL   | 0.632 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

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