

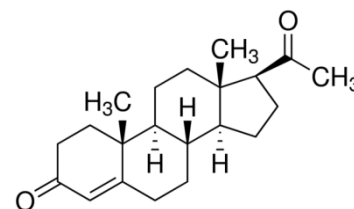


# Product Specification

cdhfinechemical.com

## PROGESTERONE FOR LAB USE

<b>PRODUCT CODE</b>	<b>197145</b>
<b>SYNONYMS</b>	--
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	<b>(57-83-0)</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>C<sub>21</sub>H<sub>30</sub>O<sub>2</sub></b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>314.47</b>
<b>PROPERTIES</b>	<b>Practically insoluble in water, soluble in alcohol, acetone, and dioxane; sparingly soluble in vegetable oils.</b>



<b>PARAMETER</b>	<b>LIMIT</b>
Description	White or almost white or creamish white crystalline powder or colourless crystals.
Solubility	33.3 mg soluble in 1ml of alcohol
Identification (By FTIR)	Conforms
Minimum Assay (HPLC)	97.0%
Specific rotation (C=1 in ethanol)	+186 to +194°
Melting point	128 - 132°C

<b>MAXIMUM LIMIT OF IMPURITY</b>	
Loss on drying (at 105°C)	0.5%

**Note(s) : Assay (if applicable) method mentioned.**  
**1) Light sensitive cancer suspect agent.**

<b>DANGER</b> <b>Hazard statements :</b> May damage the unborn child. Suspected of damaging fertility <b>Precautionary statements</b> <b>Prevention :</b> Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Obtain special instructions before use. <b>Response :</b> If exposed or concerned: Get medical attention advice.	IMDG Code : UN No. : IATA : :
<b>Disposal:</b> Dispose of contents and container in accordance with relevant legislation.	

<b>Hazard Pictogram(s) :</b>  GHS08
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Replace date 31-May-2023