

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	38750
<b>Product</b>	<b>5<math>\alpha</math>-Pregnane-3.20-dione</b> 3,20-Allopregnenedione 5 $\alpha$ -Dihydroprogesterone
<b>CAS Number</b>	566-65-4
<b>Molecular Formula</b>	C <sub>21</sub> H <sub>32</sub> O <sub>2</sub>
<b>Molecular Weight</b>	316.49

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<b>Appearance</b>	White to slightly yellow crystalline powder
<b>Melting Point</b>	202 - 206 °C
<b>Optical Rotation</b>	[ $\alpha$ ] <sup>20</sup> <sub>D</sub> = 113 - 123 ° (C = 1 in CHCl <sub>3</sub> )
<b>Infrared Spectrum</b>	Conforms to structure
<b>Purity by GC</b>	≥ 98%
<b>Storage</b>	Store at RT

**For Laboratory Use Only**