

# Chem-Impex International, Inc.

---

**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

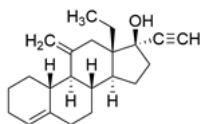
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

---



## Product Specifications

<b>Catalogue Number</b>	37808
<b>Product</b>	<b>Desogestrel</b>
<b>CAS Number</b>	54024-22-5
<b>Molecular Formula</b>	C <sub>22</sub> H <sub>30</sub> O
<b>Molecular Weight</b>	310.48

---

<b>Appearance</b>	White to almost white powder to crystal
<b>Solubility</b>	Practically insoluble in water, very soluble in methanol, freely soluble in anhydrous ethanol and in methylene chloride.
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = 53 - 57 °
<b>Infrared Spectrum</b>	Conforms to structure
<b>Loss on Drying</b>	≤ 0.5%
<b>Residual Solvents</b>	Methylene chloride : ≤ 600 ppm n-Hexane : ≤ 290 ppm Acetic acid : ≤ 5000 ppm n-heptane : ≤ 5000 ppm THF : ≤ 720 ppm Methanol : ≤ 3000 ppm
<b>Related Substances</b>	Impurity A : ≤ 0.2% Impurity B : ≤ 0.2% Impurity C : ≤ 0.2% Impurity D : ≤ 0.1% Unspecified impurities : ≤ 0.10% Total impurities : ≤ 0.5%
<b>Sulfated Ash</b>	≤ 0.1%
<b>Assay</b>	98 - 102%
<b>Grade</b>	EP
<b>Storage</b>	Store at 2 - 8 °C

# *Product Specifications*

Catalog Number: 37808

---

**For Laboratory Use Only**