

# Chem-Impex International, Inc.

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

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

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

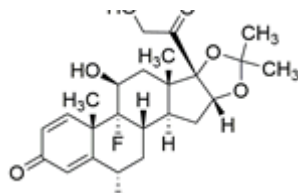
**Fax:** (630) 766-2218

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

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191



## Product Specifications

**Catalogue Number** 38738

**Product**

### Fluocinolone acetonide

6 $\alpha$ ,9 $\alpha$ -Difluoro-11 $\beta$ ,16 $\alpha$ ,17 $\alpha$ ,21-tetrahydroxy-1,4-pregnadiene-3,20-dione 16,17-acetonide

6 $\alpha$ -Fluorotriamcinolone acetonide

**CAS Number** 67-73-2

**Molecular Formula** C<sub>24</sub>H<sub>30</sub>F<sub>2</sub>O<sub>6</sub>

**Appearance**

White or almost white crystalline powder

**Solubility**

Soluble in acetone and in ethanol, slightly soluble in chloroform and practically insoluble in water and in light petroleum.

**Optical Rotation**

[ $\alpha$ ]<sub>D</sub><sup>20</sup> = + 92 to +96 °

**Loss on Drying**

≤ 1%

**UV absorption**

0.52 - 0.56 at 239 nm

**Related Substances**

Single impurity : ≤ 1%  
One such impurity : ≤ 0.5%  
Total impurity : ≤ 2.5%

**Purity by UV**

≥ 98%

**Storage**

Store at RT

**Additional Information**

Identification :

Test for Retention time : The principal peak in the chromatogram obtained with reference solution (b) is similar in retention time to the peak due to fluocinolone acetonide WS in the chromatogram obtained with reference solution (a).

Test for Sulphuric acid : The white fumes appear

**For Laboratory Use Only**