

## 1. Identification

### Catalogue Number

F599480

### Lot Number

5-YEN-161-3

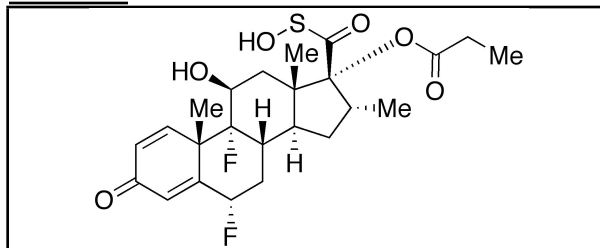
### Product Name

Fluticasone 17b-Carbonylsulfenic Acid 17-Propionate

### Synonyms

(6 $\alpha$ ,11 $\beta$ ,16 $\alpha$ ,17 $\alpha$ )-6,9-Difluoro-11-hydroxy-16-methyl-3-oxo-17-(1-oxopropoxy)androst-1,4-diene-17-carbo(thioperoxoic) Acid; Fluticasone EP Impurity B;

### Structure



### CAS Number

948566-12-9

### Solubility

DMSO (Slightly), Methanol (Slightly)

### Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

### Molecular Formula

C<sub>24</sub>H<sub>30</sub>F<sub>2</sub>O<sub>6</sub>S

### Source of Product

Synthetic

### Long Term Storage Conditions

-20°C, Hygroscopic

### Molecular Weight

484.55

### Purity

>95%

## 2. Warnings

Hygroscopic

## 3. Analytical Information



<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Off-White Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
F NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 56.99, %H: 6.13
HPLC Purity	>95%	98.65% (240 nm)
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	-33.8° (c = 0.1, DMSO)

### Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of  $\pm 2\%$ . Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

## 4. Signatures

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
Evan Burns			9/27/2022	9/25/2026
Evan Burns	Toni Rantanen	Chanell Chu		
Product Quality Specialist	Manager, Quality Assurance	Jr. Quality Assurance		