



CERTIFICATE OF ANALYSIS

20 Martin Ross Avenue, North York, ON, M3J 2K8, CANADA
Tel: (416) 665-9696, Fax: (416) 665-4439
Email: orders.trc@lgcgroup.com Website: www.trc-canada.com

1. Identification

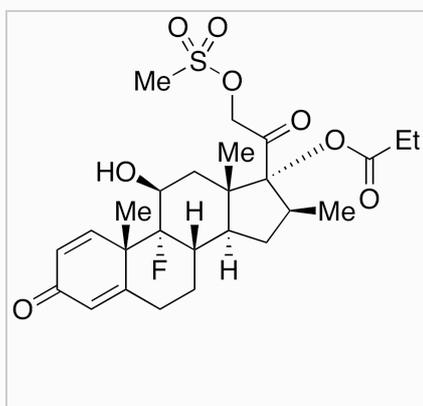
Catalogue Number: B327070

CAS Number: 15423-80-0

Product: Betamethasone 17-Propionate 21-Mesylate

Synonym: (11 β ,16 β)-9-Fluoro-11-hydroxy-16-methyl-21-[(methylsulfonyl)oxy]-17-(1-oxopropoxy)pregna-1,4-diene-3,20-dione; 9-Fluoro-11 β ,17,21-trihydroxy-16 β -methylpregna-1,4-diene-3,20-dione 21-Methanesulfonate 17-Propionate; Clobetasol Propionate EP Impurity I

Structure:



Molecular Formula:

C₂₆H₃₅FO₈S

Molecular weight:

526.61

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly), Ethyl Acetate (Slightly), Methanol (Very Slightly)

Lot Number: 8-GBH-178-3

Purity: 97%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Pale Yellow to Light Yellow Solid	Pale Yellow to Light Yellow Solid
NMR	Conforms to Structure	Conforms
F NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 58.38, %H: 6.84
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	98.44% (240 nm)

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

Reviewed By

Reviewed By

C of A Approved By

Test Date

Retest Date

Nicole Yip

Toni Rantanen

Chanell Chu

4/21/2022

4/19/2026

