



CERTIFICATE OF ANALYSIS

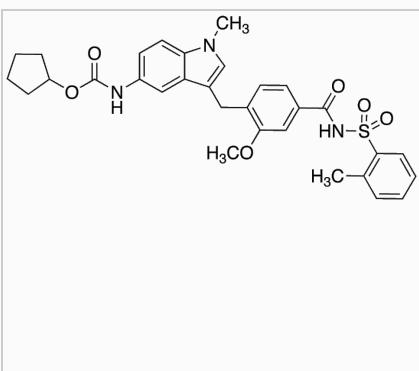
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1. Identification

Catalogue Number: Z125000

Product: Zafirlukast

Structure:



CAS Number: 107753-78-6

Synonym: [3-[[2-Methoxy-4-[[[(2-methylphenyl)sulfonyl]amino]carbonyl]phenyl]methyl]-1-methyl-1H-indol-5-yl]carbamic Acid Cyclopentyl Ester; ICI-2204219; Accolate; Vanticon;

Molecular Formula:

C₃₁H₃₃N₃O₆S

Molecular weight:

575.68

Source of Product:

N/A

Solubility:

Chloroform (Sparingly),
DMSO (Slightly)

Lot Number: 5-ANR-49-1

Purity: 98%

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

Storage Condition: 4°C

2. Warning

Warning 1: Not Determined

Warning 2:

Warning 3:

3. Analytical Information

Tests:

Specifications:

Results:

Appearance

Pale Pink to Light Orange Solid

Pale Orange to Pale Red Solid

NMR

Conforms to Structure

Conforms

MS

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 64.17, %H: 5.42, %N: 7.18

HPLC Purity

>95%

99.93% (240 nm)

Additional Information:

Elemental Analysis: (Theoretical) %C: 64.68, %H: 5.78, %N: 7.30

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 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

Eric Beaton

Toni Rantanen

My Nguyen

4/14/2020

4/12/2030