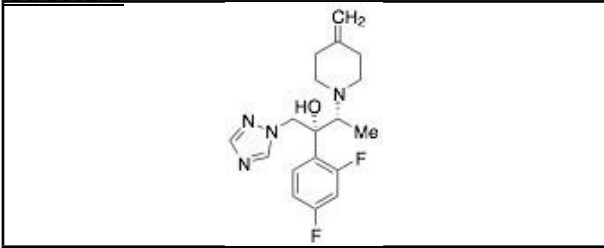


Certificate of Analysis

1. Identification

<u>Catalogue Number</u>	<u>Lot Number</u>	<u>Structure</u>
ADG-00014	712005501-1-2	
<u>Product Name</u>		
Efinaconazole		
<u>Synonyms</u>		
(αR,βR)-α-(2,4-Difluorophenyl)-β-methyl-4-methylene-α-(1H-1,2,4-triazol-1-ylmethyl)-1-piperidineethanol; [R-(R*,R*)]-α-(2,4-Difluorophenyl)-β-methyl-4-methylene-α-(1H-1,2,4-triazol-1-ylmethyl)-1-piperidineethanol; KP 103; KP 103 (pharmaceutical);		
<u>Appearance</u>		White to Off-White Solid
<u>CAS Number</u>	<u>Solubility</u>	<u>Shipping Condition</u>
164650-44-6	Chloroform (Slightly), Methanol (Slightly)	This Product Is Stable To Be Shipped At Room Temperature
<u>Molecular Formula</u>	<u>Source of Product</u>	<u>Long Term Storage Conditions</u>
C ₁₈ H ₂₂ F ₂ N ₄ O	N/A	-20°C
<u>Molecular Weight</u>	<u>Purity</u>	
348.39	>95%	

2. Warnings

Not Determined

3. Analytical Information

Tests	Specifications	Results
	White to Off-White Solid	
NMR	Conforms to Structure	Conforms
F NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 62.22, %H: 6.60, %N: 16.20
HPLC Purity	>95%	99.69% (205 nm)
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	-83.7° (c = 1.0, Methanol)
<u>Additional Information</u>		
N/A		

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

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
Job Sanchez	Job Sanchez	Job Sanchez	5/16/2024	