



CERTIFICATE OF ANALYSIS

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1. Identification

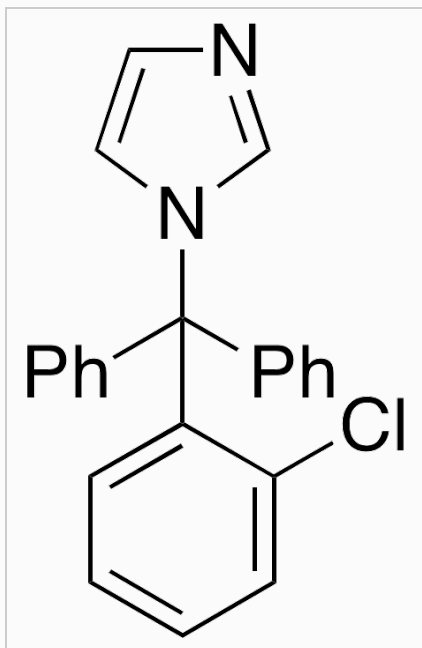
Catalogue Number: C587400

CAS Number: 23593-75-1

Product: Clotrimazole

Synonym: 1-[(2-Chlorophenyl)-diphenyl-methyl]-1H-imidazole; FB-5097; Bay b 5097;

Structure:



Molecular Formula:

C₂₂H₁₇ClN₂

Molecular weight:

344.84

Source of Product:

N/A

Solubility:

Chloroform, DMSO (Slightly),
Ethyl Acetate (Slightly)

Lot Number: 12-ABY-152-1

Purity: 98%

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

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Elemental Analysis	Conforms	%C: 76.49, %H: 4.77, %N: 8.18
MS	Conforms to Structure	Conforms
NMR	Conforms to Structure	Conforms
Appearance	White to Off-White Solid	White Solid
HPLC Purity	>95%	99.94% (200 nm)

Additional Information:

Elemental Analysis: (Theoretical) %C: 76.63, %H: 4.97, %N: 8.12

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
Hanxiang Li	Toni Rantanen	My Nguyen	10/28/2020	10/26/2027
