



CERTIFICATE OF ANALYSIS

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1. Identification

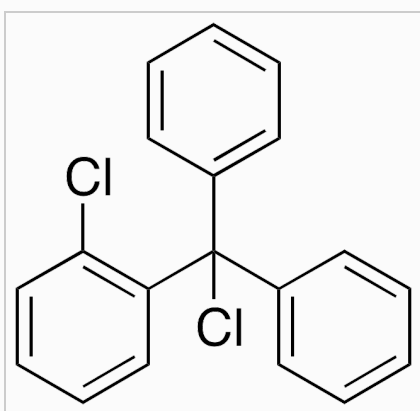
Catalogue Number: C422260

CAS Number: 42074-68-0

Product: 2-Chlorotriptyl Chloride (90%)

Synonym: 1-Chloro-2-(chlorodiphenylmethyl)benzene; 2-Chlorophenyldiphenylchloromethane; 2-Chlorophenyldiphenylmethyl Chloride; Chloro(2-chlorophenyl)diphenylmethane; Diphenyl-2-chlorophenylmethyl Chloride; o-Chlorotriphenylchloromethane; Clotrimazole EP Impurity C

Structure:



Molecular Formula:

$C_{19}H_{14}Cl_2$

Molecular weight:

313.22

Source of Product:

N/A

Solubility:

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

Lot Number: 7-MWC-61-1

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:
Appearance	White to Pale Beige Solid	Off-White to Pale Beige Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 72.74, %H: 4.39
C NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	99.56% (215 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
Henry Tieu	Toni Rantanen	Chanell Chu	12/21/2022	12/19/2026

