



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

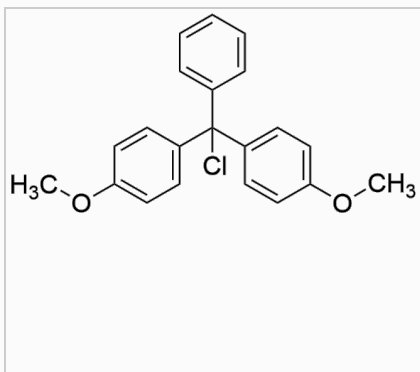
Catalogue Number: D461115

CAS Number: 40615-36-9

Product: 4,4'-Dimethoxytrityl Chloride

Synonym: 1,1'-(Chlorophenylmethylene)bis[4-methoxybenzene; 4,4'-Dimethoxytriphenylmethyl Chloride; Bis(4-methoxyphenyl)phenylmethyl Chloride; Chlorobis(4-methoxyphenyl)phenylmethane; NSC 89782; DMT-Cl; DMTCl

Structure:



Molecular Formula:

C₂₁H₁₉ClO₂

Molecular weight:

338.83

Source of Product:

N/A

Solubility:

Chloroform (Slightly), DMSO (Slightly), Methanol (Slightly)

Lot Number: 2023-QIU-017

Purity: 97%

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

Light Pink to Red Solid

Light Red Solid

NMR

Conforms to Structure

Conforms

MS

Conforms to Structure

Conforms

Elemental Analysis Conforms

%C: 74.76, %H: 5.72

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

1/11/2023

1/9/2027