



CERTIFICATE OF ANALYSIS

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1. Identification

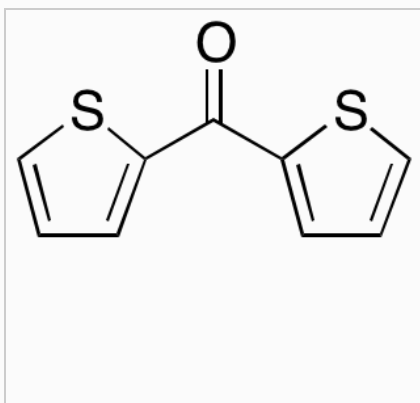
Catalogue Number: B585365

CAS Number: 704-38-1

Product: Bis(2-thienyl) Ketone

Synonym: 2,2'-Dithienyl Ketone; Bis(2-thienyl) Ketone; Bis(thien-2-yl)methanone; Di-2-Thienyl Ketone; Di-2-Thienyl Methanone; NSC 201397; NSC 36725; Tiotropium EP Impurity F;

Structure:



Molecular Formula:

C₉H₆OS₂

Molecular weight:

194.27

Source of Product:

N/A

Solubility:

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

Lot Number: 3-HAB-12-1

Purity: 97%

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

Storage Condition: 20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Light Grey Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 55.31, %H: 2.88
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	97.85% (310 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 ± 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
Meenakshi Sharma	Toni Rantanen	Chanell Chu	1/20/2022	1/18/2026