



CERTIFICATE OF ANALYSIS

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1. Identification

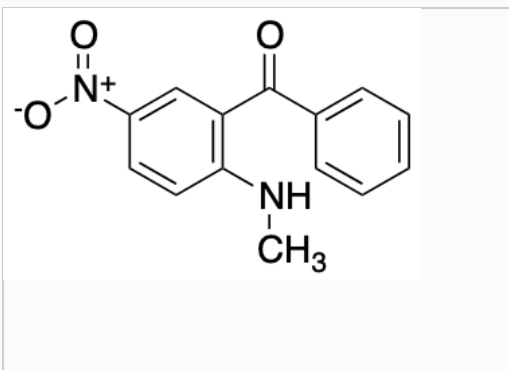
Catalogue Number: M219718

CAS Number: 4958-56-9

Product: (2-Methylamino-5-nitrophenyl)phenylmethanone

Synonym: 2-(Methylamino)-5-nitrobenzophenone

Structure:



Molecular Formula:

C₁₄H₁₂N₂O₃

Molecular weight:

256.25

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 20-SBL-100-1

Purity: 98%

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

Storage Condition: -20°C, Inert atmosphere

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Elemental Analysis	Conforms	%C: 65.58, %H: 4.54, %N: 10.94
Appearance	Light Yellow to Yellow Solid	Light Yellow to Yellow Solid
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	99.64% (380 nm)
FT-IR	Conforms to Structure	Conforms
NMR	Conforms to Structure	Conforms

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
Swathi Reddy	Toni Rantanen	Chanell Chu	12/22/2021	12/20/2025
				