



CERTIFICATE OF ANALYSIS

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1. Identification

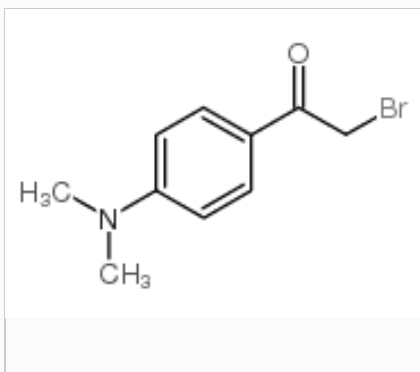
Catalogue Number: B691523

CAS Number: 37904-72-6

Product: 2-Bromo-1-(4-dimethylaminophenyl)ethanone

Synonym: 2-Bromo-4-(dimethylamino)acetophenone; 2-Bromo-4'-(dimethylamino)acetophenone; 4-(Dimethylamino)phenacyl Bromide

Structure:



Molecular Formula:

C₁₀H₁₂BrNO

Molecular weight:

242.11

Source of Product:

N/A

Solubility:

Chloroform (Sparingly),
DMSO (Slightly, Sonicated)

Lot Number: 18-SBL-35-1

Purity: 95%

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:
Elemental Analysis	Conforms	%C: 49.72, %H: 5.01, %N: 5.78
Appearance	Yellow to Dark Yellow Solid	Dark Yellow Solid
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	95.10% (245 nm)
C 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 $\pm 2\%$. 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
Nicole Yip	Toni Rantanen	Chanell Chu	8/16/2021	8/14/2025