

**1. Identification**Catalogue Number

B208405

Lot Number

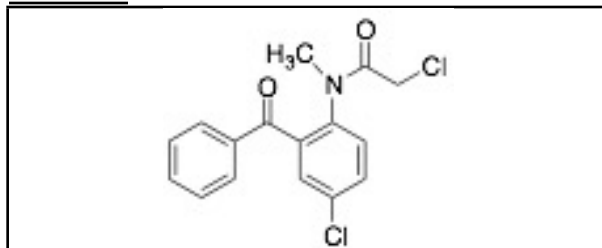
711975553-1-1

Product Name

N-(2-Benzoyl-4-chlorophenyl)-2-chloro-N-methylacetamide

Synonyms

2'-Benzoyl-2,4'-dichloro-N-methylacetamide; 5-Chloro-2-(2-chloro-N-methylacetamido) benzophenone; N-Methyl-2'-benzoyl-2,4'-dichloroacetanilide; Diazepam EP Impurity B

StructureCAS Number

6021-21-2

Solubility

Chloroform (Slightly), DMSO (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula $C_{16}H_{13}Cl_2NO_2$ Source of Product

N/A

Long Term Storage Conditions

-20°C

Molecular Weight

322.19

Purity

98%

2. Warnings

Not Determined

3. Analytical InformationTests

Appearance

Specifications

White to Off-White Solid

Results

White Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 55.79, %H: 3.90, %N: 3.99

HPLC Purity

Report Result

99.09% (255 nm)

MS

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. SignaturesReviewed by

Nicole Yip

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

4/12/2024

Retest Date

4/10/2028