

1. Identification

Catalogue Number

B208405

Lot Number

712129387-1-1

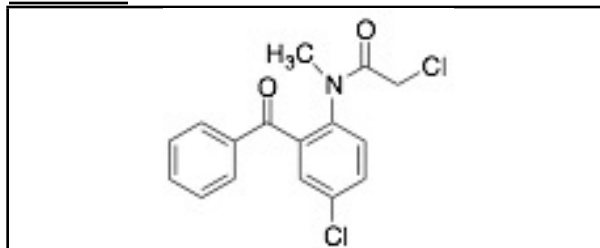
Product Name

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

Structure



CAS Number

6021-21-2

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₆H₁₃Cl₂NO₂

Source of Product

N/A

Long Term Storage Conditions

-20°C, Inert atmosphere

Molecular Weight

322.19

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information


<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Pale Beige Solid	Pale Beige Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 59.36, %H: 3.98, %N: 4.33
HPLC Purity	>95%	99.19% (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 ± 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

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
			1/16/2025	1/14/2029
Swathi Reddy	Toni Rantanen	Chanell Chu		
Product Quality Specialist	Manager, Quality Assurance	Quality Assurance Associate		