



1. Identification

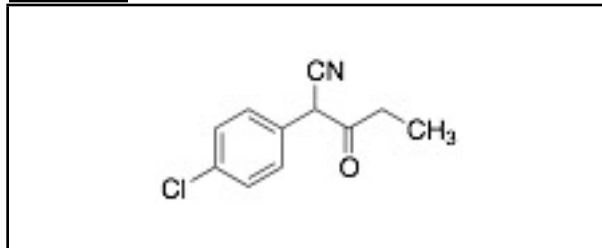
Catalogue Number

C379600

Lot Number

5-APD-114-1

Structure



Product Name

a-(4-Chlorophenyl)-a-propionylacetonitrile

Synonyms

4-Chloro-α-(1-oxopropyl)-benzeneacetonitrile;

CAS Number

55474-40-3

Solubility

Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₁H₁₀ClNO

Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

207.66

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

White to Brown Solid

Results

Off-White to Pale Brown Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

97.81% (220 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

Reviewed by

Vijaya Annapareddy

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

10/30/2024

Retest Date

10/28/2028