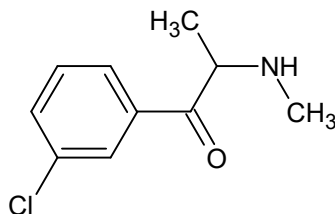




3-Chloromethcathinone

The Drug Enforcement Administration's Special Testing and Research Laboratory generated this monograph using structurally confirmed reference material.



1. GENERAL INFORMATION

IUPAC Name:	1-(3-chlorophenyl)-2-(methylamino)propan-1-one
CAS#:	1607439-32-6 (HCl)
Synonyms:	3-CMC; meta-chloro-N-methyl-cathinone; meta-chloromethcathinone
Source:	DEA Reference Material Collection
Appearance:	White powder (HCl)
UV_{max}(nm):	Not determined

2. CHEMICAL AND PHYSICAL DATA

2.1 CHEMICAL DATA

Form	Chemical Formula	Molecular Weight	Melting Point (°C)
Base	C ₁₀ H ₁₂ ClNO	197.66	Not Determined
HCl	C ₁₀ H ₁₂ ClNO HCl	234.12	198.3



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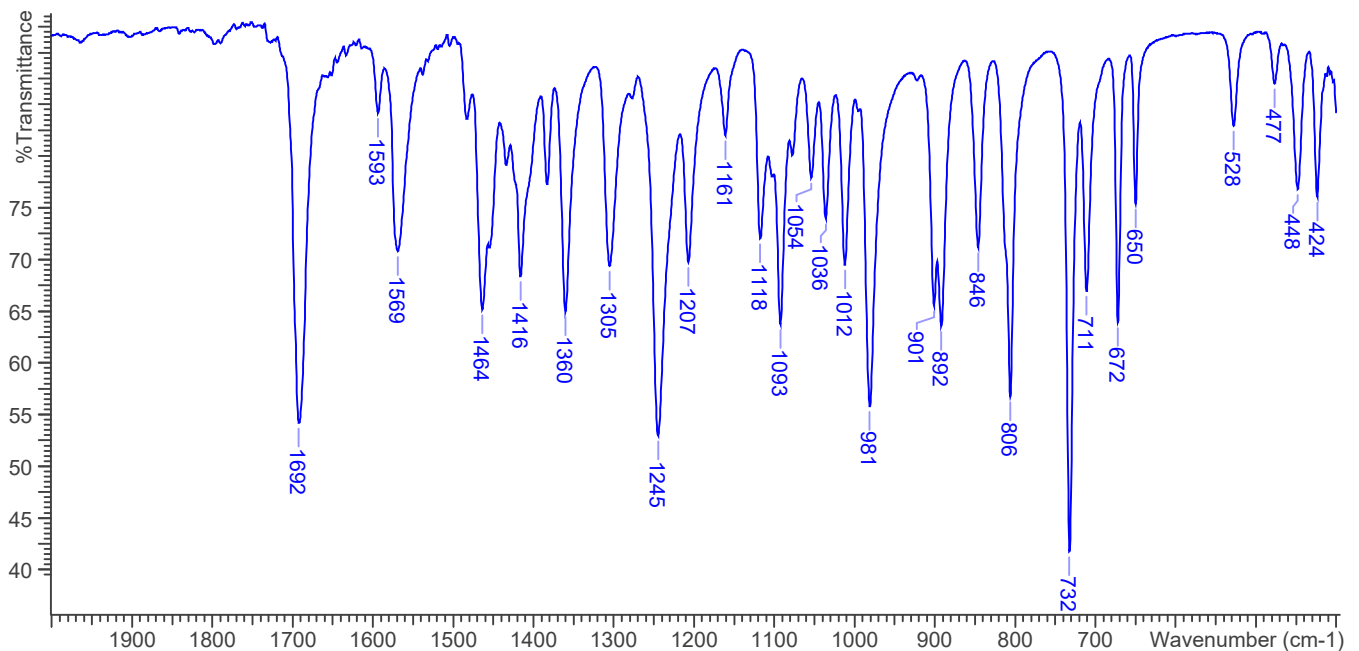
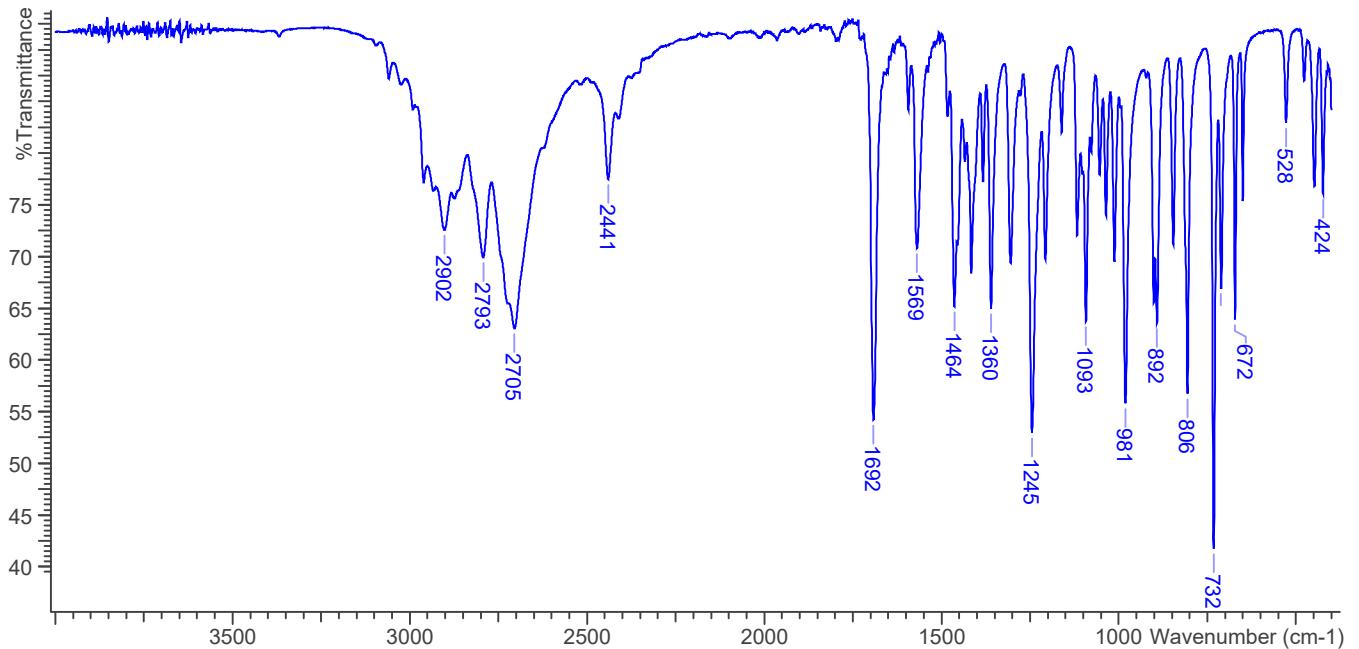


3.3 INFRARED SPECTROSCOPY (FTIR)

Instrument: FTIR with diamond ATR attachment (1 bounce)

Scan Parameters:
Number of scans: 32
Number of background scans: 32
Resolution: 4 cm⁻¹
Sample gain: 1
Aperture: 150

FTIR ATR (Diamond 1 Bounce): 3-Chloromethcathinone HCl; Lot# 0467004-25





3-Chloromethcathinone

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4. ADDITIONAL RESOURCES

No additional resources as of 10/2016