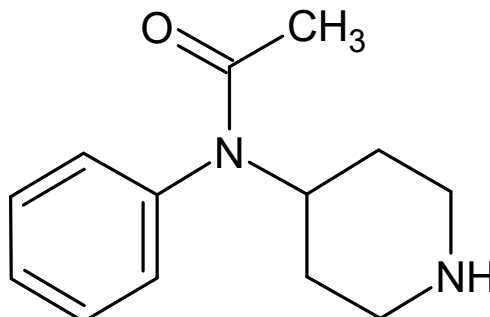




Acetyl norfentanyl

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



1. GENERAL INFORMATION

IUPAC Name: N-phenyl-N-(piperidin-4-yl)acetamide

CAS#: 22352-82-5 (HCl)

Synonyms: acetylnorfentanyl

Source: DEA Reference Material Collection

Appearance: white powder

UV_{max}(nm): Not determined

2. CHEMICAL AND PHYSICAL DATA

2.1 CHEMICAL DATA

Form	Chemical Formula	Molecular Weight	Melting Point (°C)
Base	C ₁₃ H ₁₈ N ₂ O	218	Not Determined
HCl	C ₁₃ H ₁₈ N ₂ O HCl	254	Not Determined



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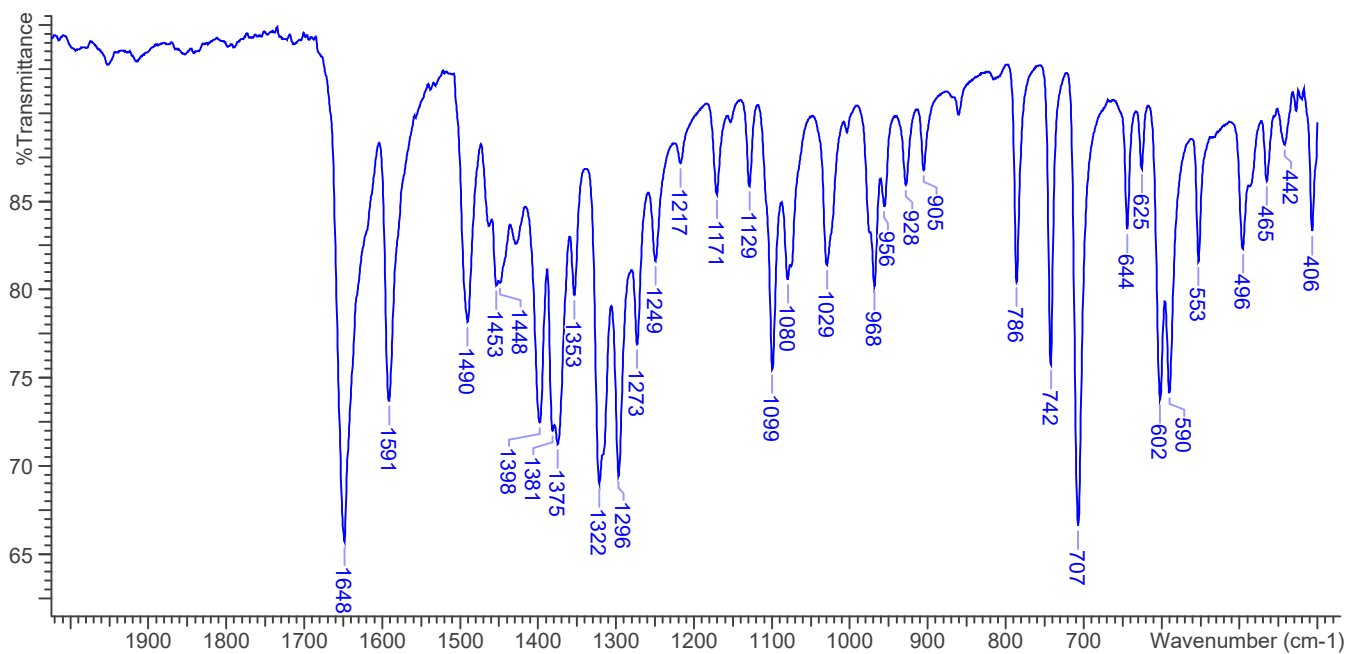
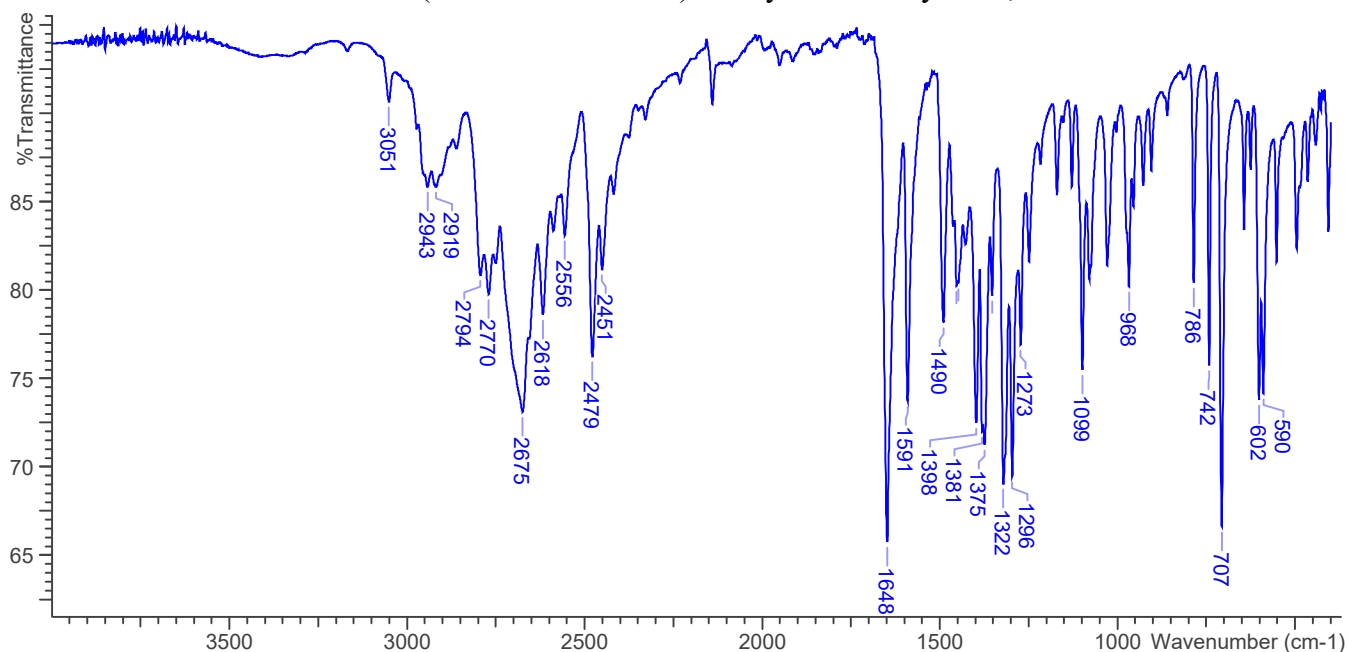


3.3 INFRARED SPECTROSCOPY (FTIR)

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: 8
Aperture: 150

FTIR ATR (Diamond 1 Bounce): Acetyl norfentanyl HCl; LOT # 0450748-6





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4. ADDITIONAL RESOURCES

No additional resources as of 9/12/2016