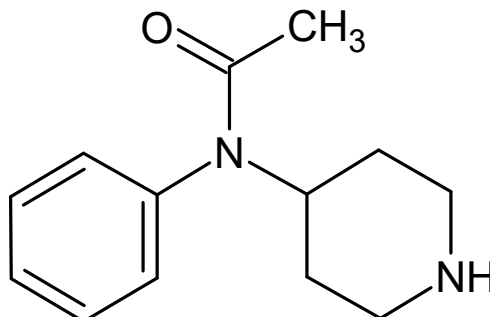




## Acetyl norfentanyl

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<sub>max</sub>(nm):** Not determined

### 2. CHEMICAL AND PHYSICAL DATA

#### 2.1 CHEMICAL DATA

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







# Acetyl norfentanyl

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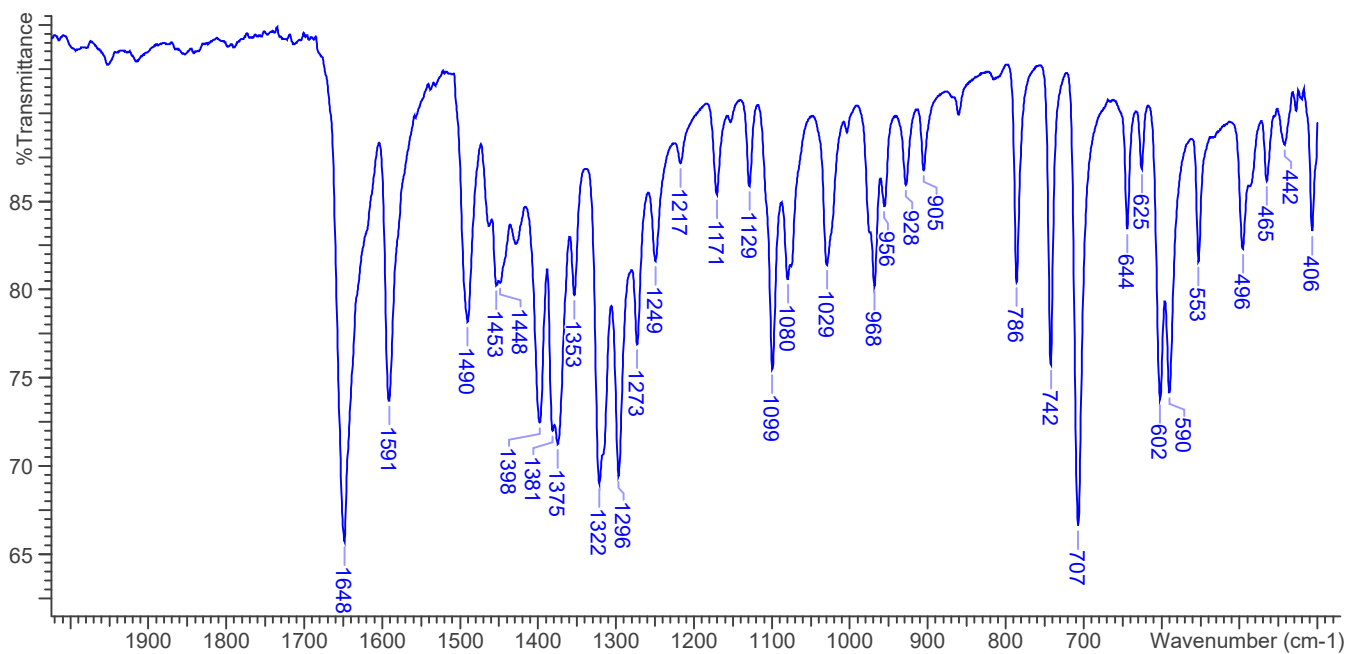
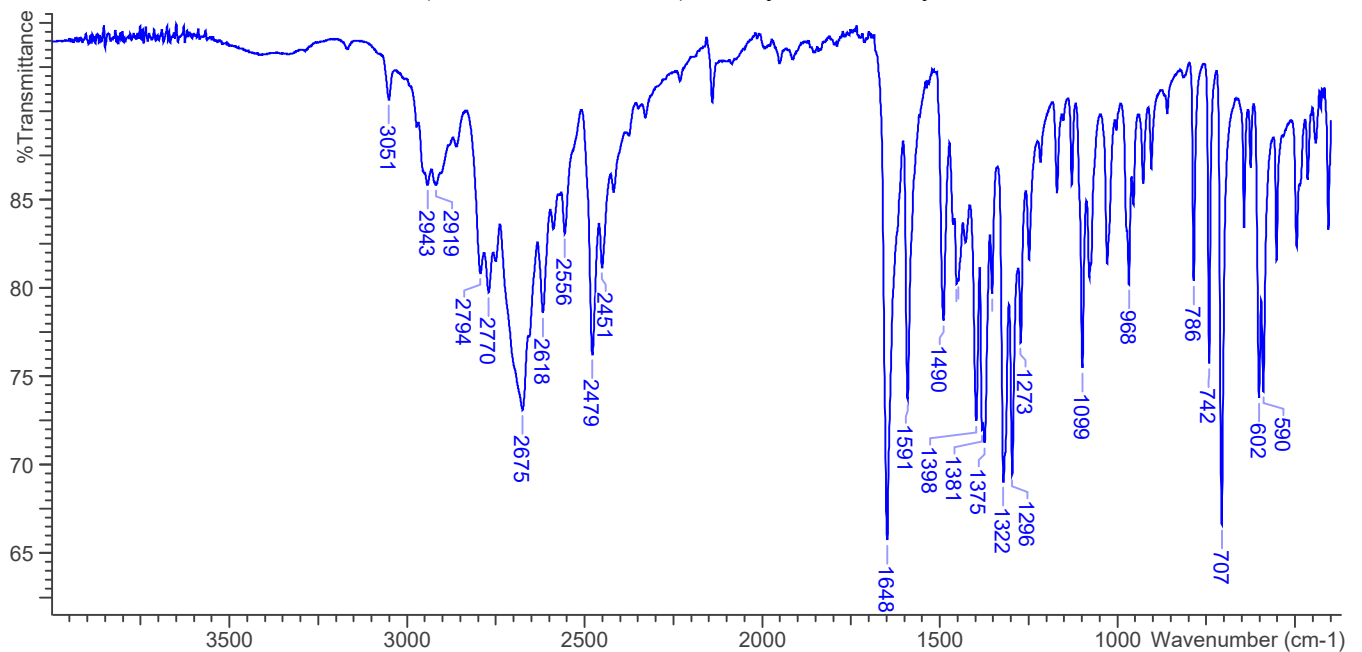


## 3.3 INFRARED SPECTROSCOPY (FTIR)

**Instrument:** FTIR with diamond ATR attachment (1 bounce)

**Scan Parameters:**  
Number of scans: 32  
Number of background scans: 32  
Resolution: 4  $\text{cm}^{-1}$   
Sample gain: 8  
Aperture: 150

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





## Acetyl norfentanyl

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### **4. ADDITIONAL RESOURCES**

No additional resources as of 9/12/2016