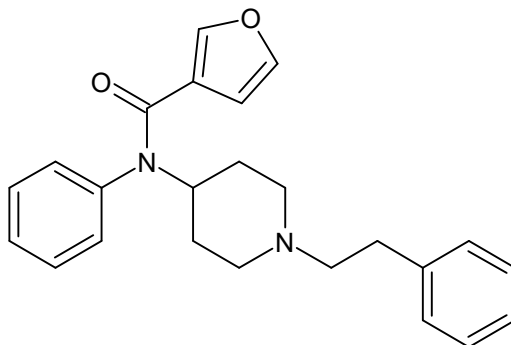




### 3-Furanylfentanyl

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-[1-(2-phenylethyl)piperidin-4-yl]furan-3-carboxamide

**CAS#:** NA

**Synonyms:** NA

**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>24</sub> H <sub>26</sub> N <sub>2</sub> O <sub>2</sub>	374	Not Determined
HCl	C <sub>24</sub> H <sub>26</sub> N <sub>2</sub> O <sub>2</sub> HCl	410	Not Determined







# 3-Furanylfentanyl

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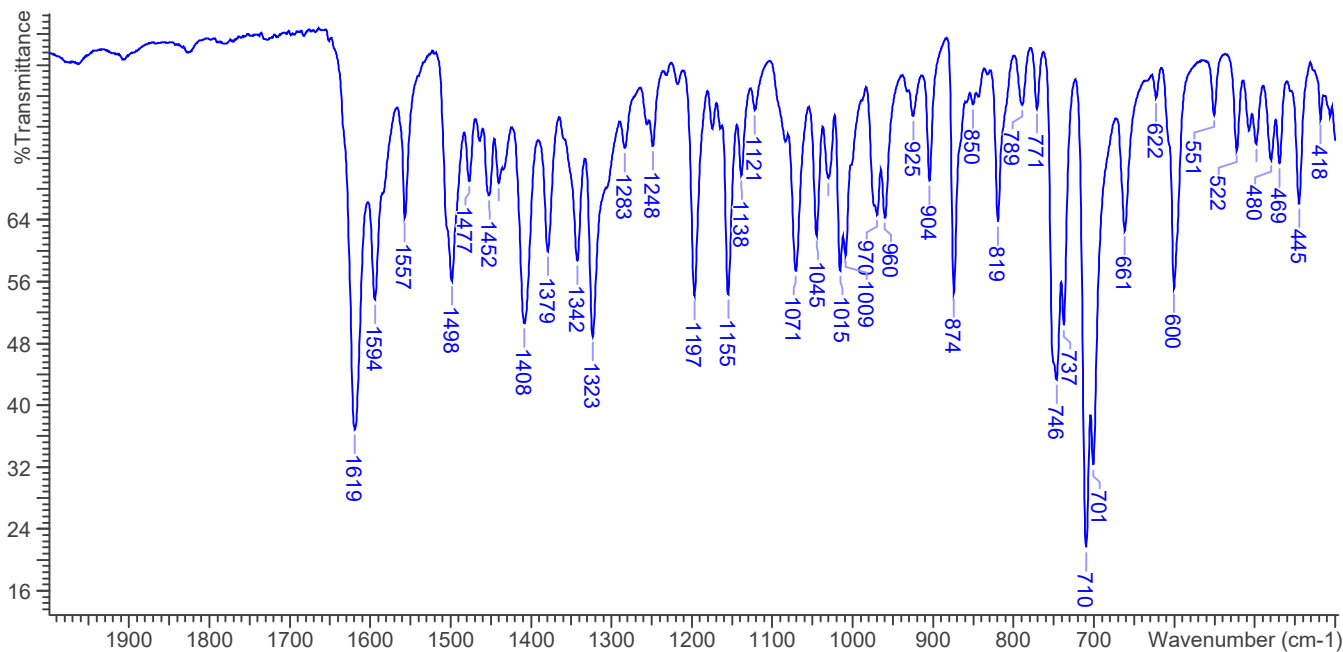
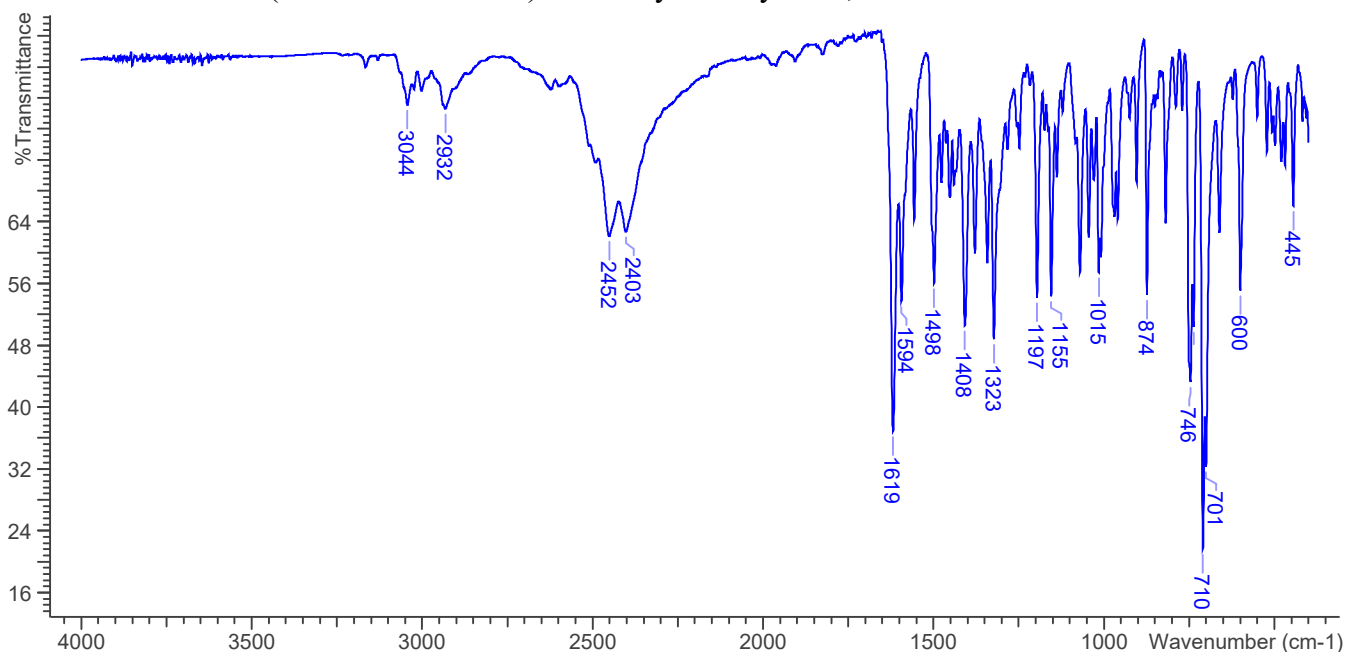


## 3.3 INFRARED SPECTROSCOPY (FTIR)

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

**Scan Parameters:**  
Number of scans: 32  
Number of background scans: 32  
Resolution: 4 cm<sup>-1</sup>  
Sample gain: 4  
Aperture: 80

FTIR ATR (Diamond 1 Bounce): 3-Furanylfentanyl HCl; LOT # ALB-288-6





## 3-Furanylfentanyl

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### 4. ADDITIONAL RESOURCES

No additional resources as of 09/2016