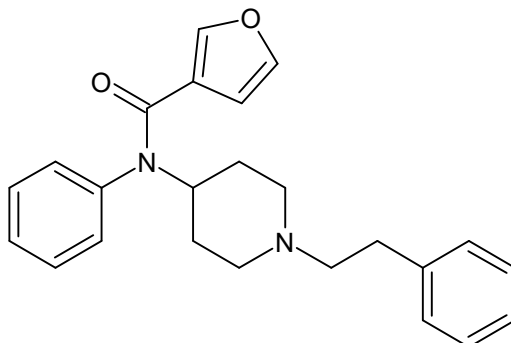




3-Furanylfentanyl

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_{max}(nm): Not determined

2. CHEMICAL AND PHYSICAL DATA

2.1 CHEMICAL DATA

Form	Chemical Formula	Molecular Weight	Melting Point (°C)
Base	C ₂₄ H ₂₆ N ₂ O ₂	374	Not Determined
HCl	C ₂₄ H ₂₆ N ₂ O ₂ HCl	410	Not Determined



3-Furanylfentanyl

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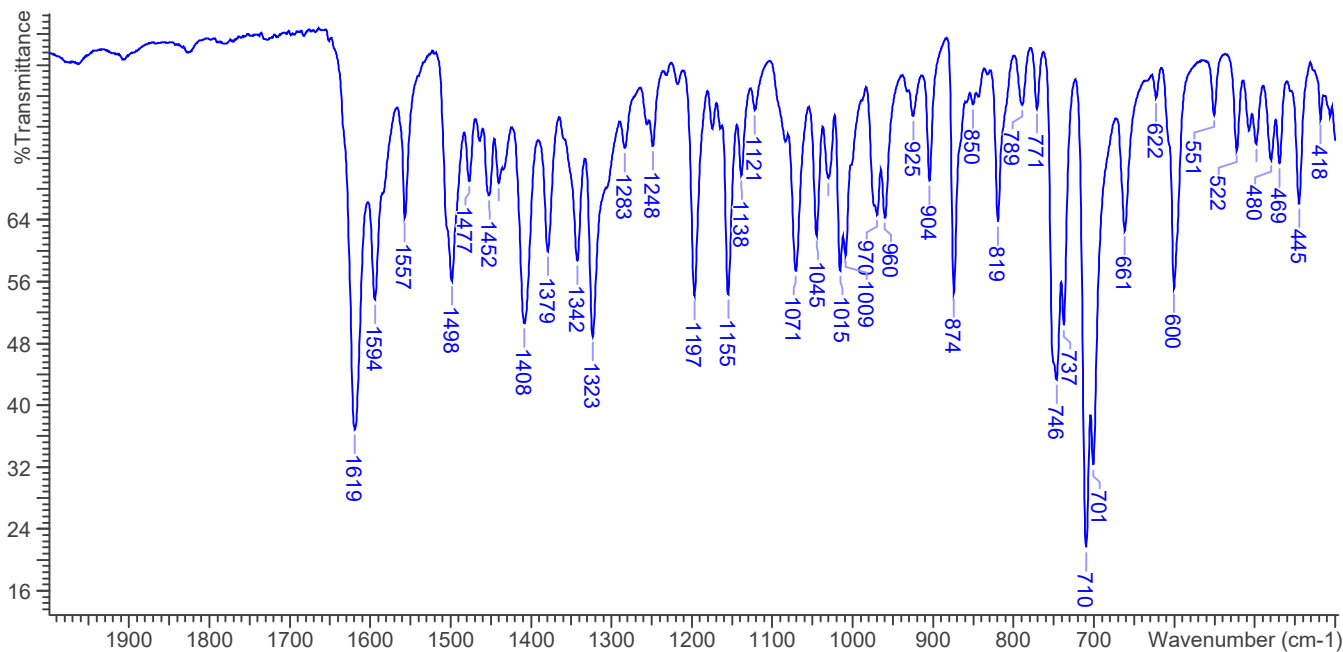
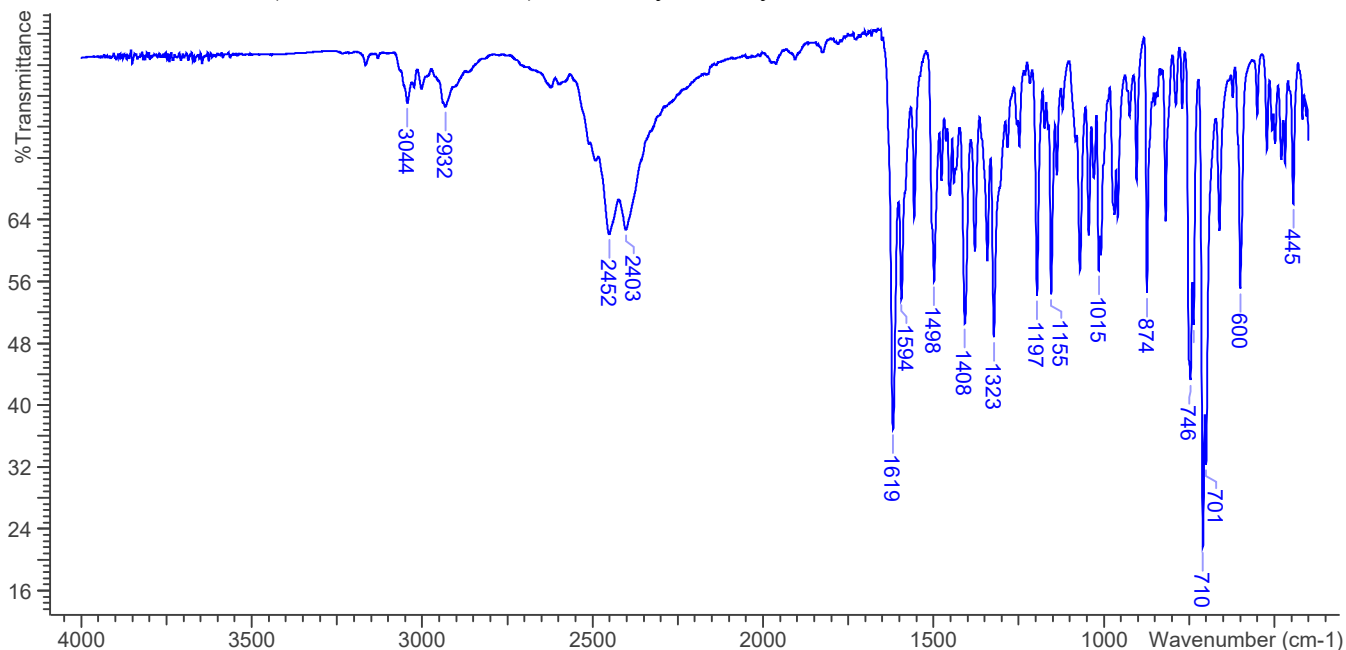


3.3 INFRARED SPECTROSCOPY (FTIR)

Instrument: FTIR with diamond ATR attachment (1 bounce)

Scan Parameters:
Number of scans: 32
Number of background scans: 32
Resolution: 4 cm⁻¹
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