

OSINT

+

Public Records

Getting visibility into the synthetic
opioid epidemic

By Mohar Chatterjee



NEWS

Fentanyl Is Killing More People During the Pandemic. In Santa Clara County, Victims Are Getting Younger

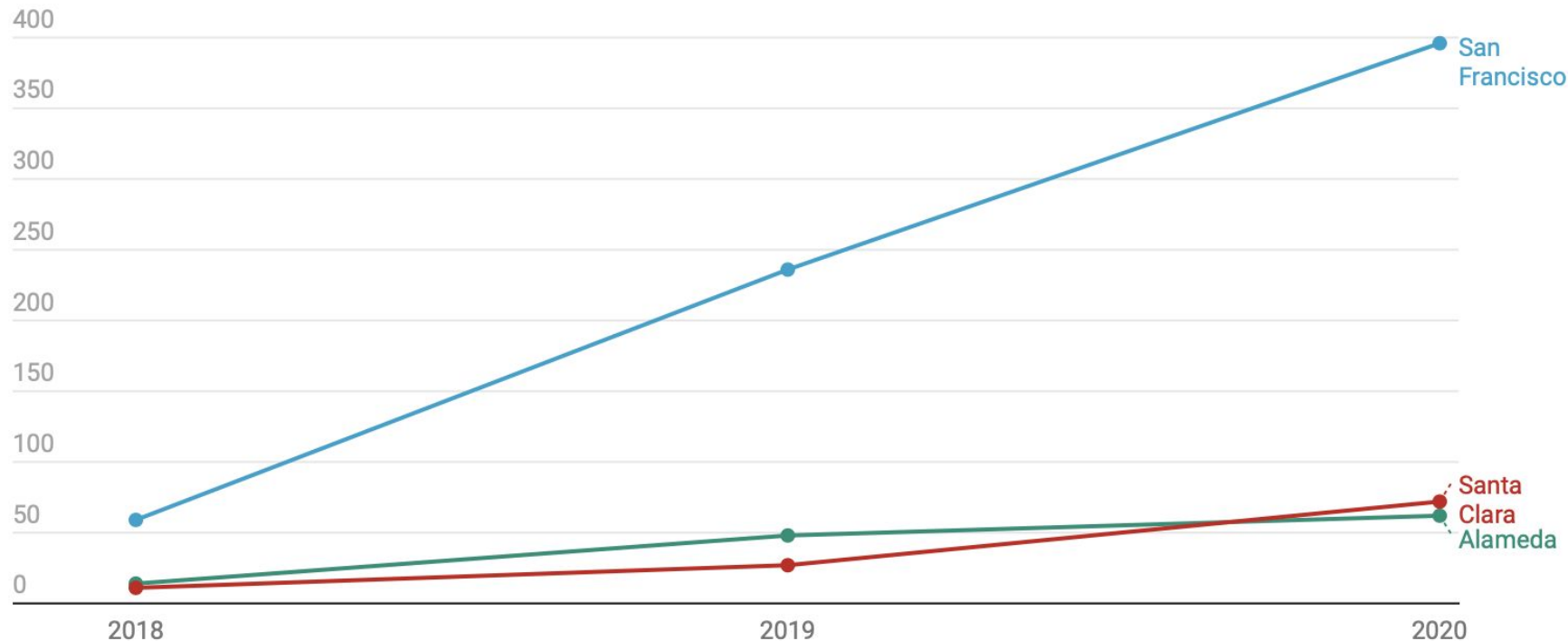


LISTEN 07:12

How it started.

Robin Dosskey looks through childhood photos of her son Kyle at her home in Mountain View on May 12, 2021. Kyle died in 2019 due to a fatal dose of fentanyl. (Beth LaBerge/KQED)

Total Number of Fentanyl-Related Overdoses By Year In 3 Counties



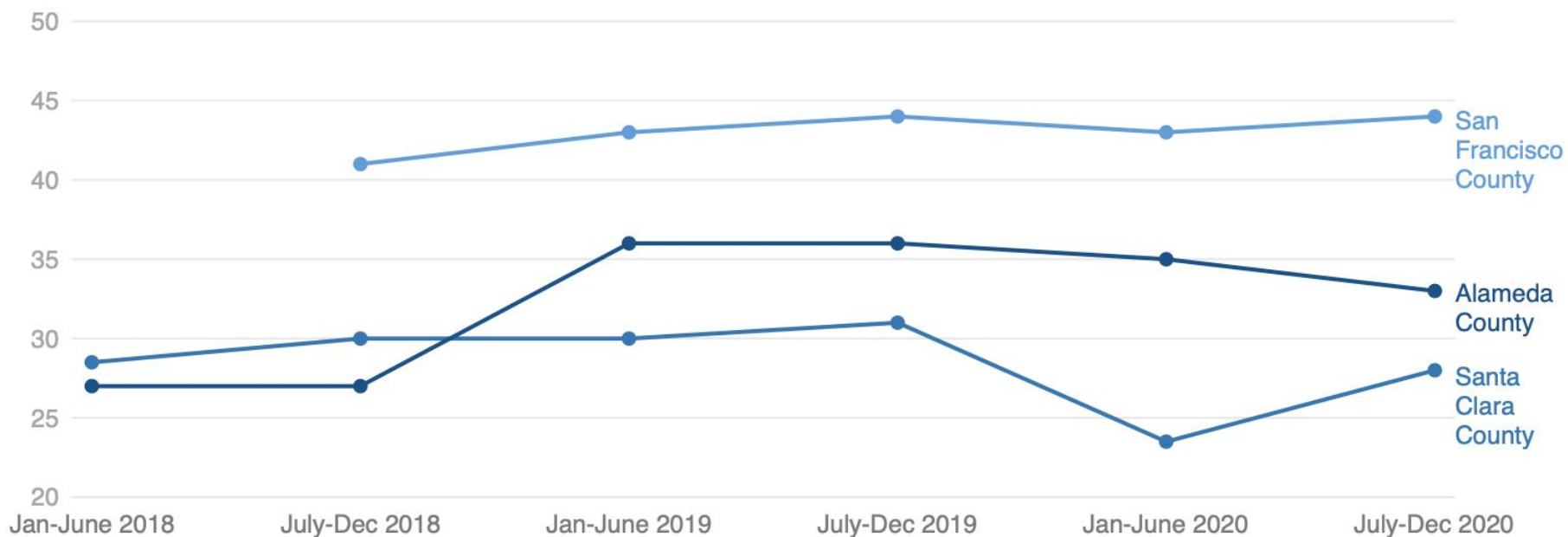
Raw count of all fentanyl-related death records reported to us by San Francisco, Alameda and Santa Clara county offices, tallied by year.

Chart: Mohar Chatterjee •

Source: San Francisco Office of the Chief Medical Examiner, Alameda County Sheriff's Office, Santa Clara County Medical Examiner-Coroner's Office •

[Get the data](#) • Created with [Datawrapper](#)

Median Age of People Who Died From Fentanyl Overdoses



Median age of people who died from a fentanyl overdose during a half-year period. Calculated using deaths records from Jan. 1, 2018 to Dec. 31, 2020.

Chart: Mohar Chatterjee •

Source: San Francisco Office of the Chief Medical Examiner, Alameda County Sheriff's Office, Santa Clara County Medical Examiner-Coroner's Office •

[Get the data](#) • Created with [Datawrapper](#)

STATE OF IOWA
CERTIFICATION OF VITAL RECORD

STATE OF IOWA
IOWA DEPARTMENT OF PUBLIC HEALTH
CERTIFICATE OF DEATH

114-2016-028744

BIRTH NUMBER: 1991-028024

DECEDENT INFORMATION

NAME: [REDACTED]

DATE FILED: 01/06/2017

SSN: 484-19-9862

PLACE OF BIRTH: Iowa

SEX: Female

ARMED FORCES: No

DATE OF BIRTH/AGE: 10/01/1991 25 Years

NAMES (PRIOR TO ANY MARRIAGE):

DECEDENT LAST: [REDACTED]

CITIZENSHIP: United States

FATHER'S NAME: [REDACTED]

MARITAL STATUS: Never Married

MOTHER'S NAME: [REDACTED]

RESIDENTIAL ADDRESS: [REDACTED]

RESIDENCE COUNTY: Story

COUNTY OF DEATH: Polk

INFORMANT NAME: [REDACTED]

INFORMANT ADDRESS: [REDACTED]

INFORMANT RELATIONSHIP: Mother

DATE/TIME OF DEATH: 12/17/2016 (Actual)

PLACE OF DEATH: Inpatient

02:32 AM (Actual)

FACILITY/ADDRESS: Mercy Medical Center-Des Moines

Des Moines, Iowa 50314

M.E. CONTACTED: Yes

MEDICAL CAUSE OF DEATH INFORMATION

INTERVAL UNITS

IMMEDIATE CAUSE OF DEATH: Anoxic Encephalopathy Six Days Following An Overdose Of Heroin

Days

DUE TO OR AS A CONSEQUENCE OF:

DUE TO OR AS A CONSEQUENCE OF:

UNDERLYING CAUSE, IF ANY:

OTHER SIGNIFICANT CONDITIONS:

MANNER OF DEATH: Accident

TOBACCO CONTRIBUTED TO DEATH: No

AUTOPSY PERFORMED/FINDINGS: Yes/Yes

ME CASE #: 16-77-3116

DATE/TIME OF INJURY: 12/11/2016 04:00 AM

INJURY AT WORK: No

PLACE OF INJURY: Residence

TRANSPORTATION INJURY: No

LOCATION OF INJURY: [REDACTED]

PREGNANCY, IF FEMALE: Unknown

DESCRIPTION OF INJURY: Abuse Of A Controlled Substance

CERTIFIER/TITLE: Francis L Garrity MD

CERTIFIER ADDRESS: Not Available

DATE CERTIFIED: 01/06/2017

Iowa

DISPOSITION

FUNERAL HOME: Stevens Memorial-Chapel

FUNERAL DIRECTOR: Kevin Kenney

Ames, Iowa 50010

PLACE: Ankeny Funeral Home and Crematory-Ankeny

METHOD: Cremation

LOCATION: Ankeny, Iowa

This is to certify that this is a true and correct reproduction of the original record as recorded in this state, issued under the authority of Chapter 144, Code of Iowa.

This copy is not valid unless prepared on engraved border displaying state seal and signature of the Registrar.

THIS COPY NOT VALID UNLESS UNALTERED AND PREPARED ON CERTIFIED SECURITY PAPER

Story
County of Issuance

Shirley Hennidge
County Registrar

01/11/2017

Terry E. Branstad

Melissa R. Bird
DEPUTY STATE REGISTRAR

DATE ISSUED

GOVERNOR, STATE OF IOWA
Kim Reynolds, Lt. Governor

S005032367C

FORM #568-0328S (Rev. 01/2016)



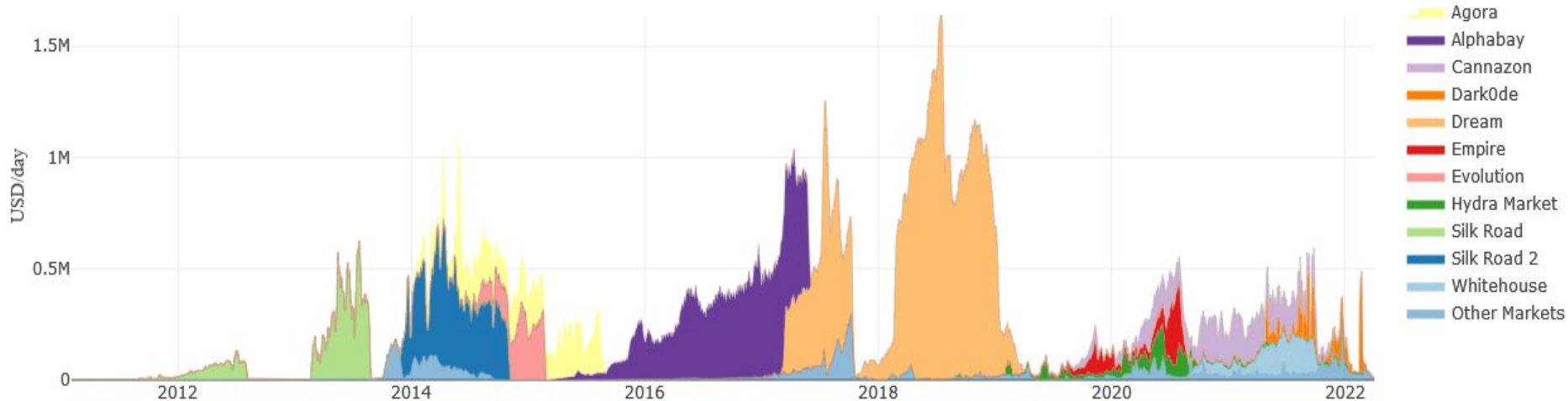
The problem with public records...

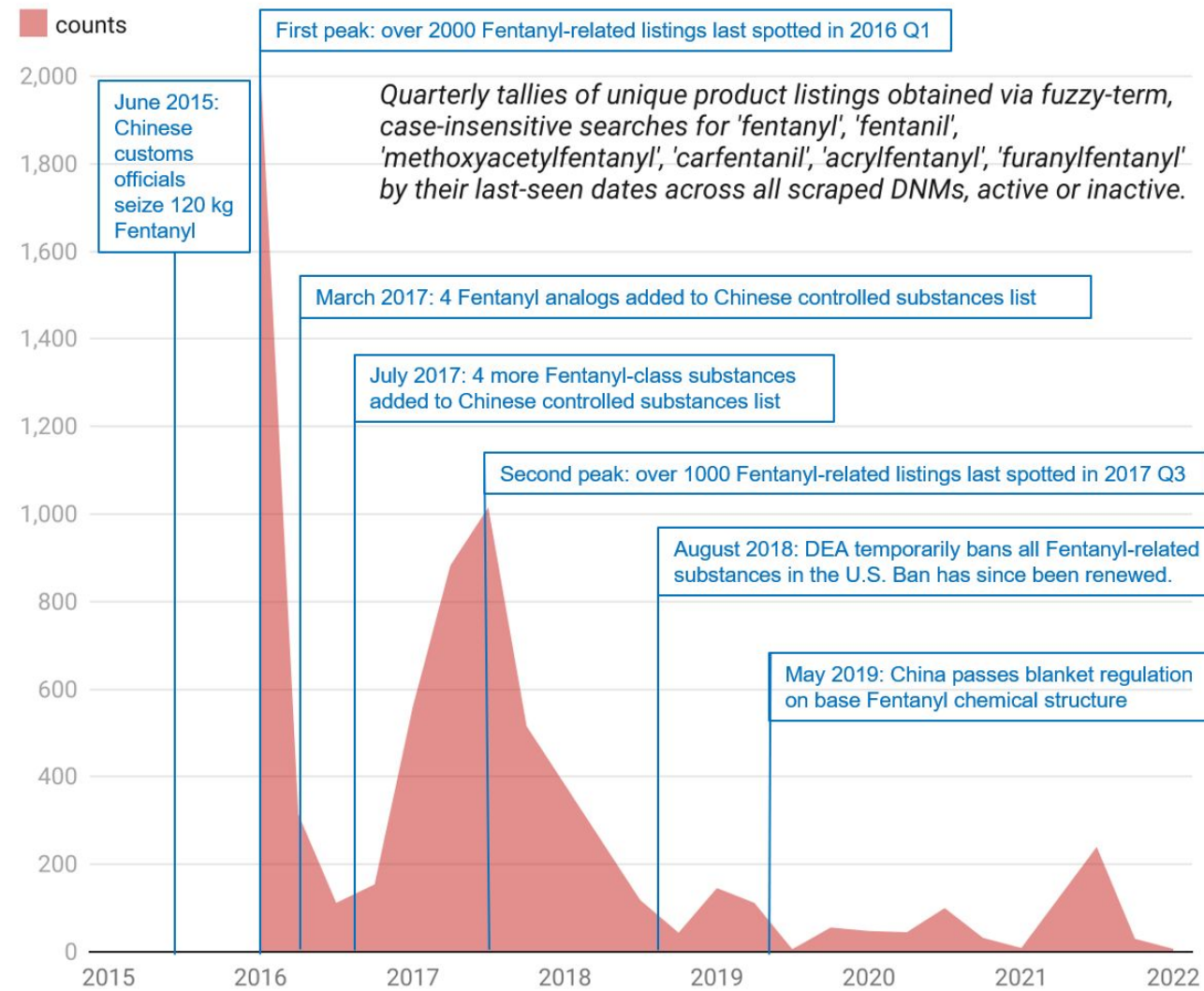
How it's going:

We can trace patterns in international synthetic opioids trafficking through vendor activity on online platforms.

Lower bound of overall stacked daily sales. Aggregated across 37 markets, 1.4 million item listings.

Source: Hikari API, retrieved April 8, 2022





Unique darknet market listings for fentanyl and known analogs by quarter. 2016 Q1 - 2022 Q1 (partial).

bk-ebdp hexen fub-amb u49900 fuf 3-m-fentanyl



Ad Id:

Views:

Price:

Email:

Skype

Http://

China research chemicals with competitive price on sell.
100% guarantee of purity, quality and safety.

4-CDC (hot sell)

BK-EBDP (hot sell)

4CLPVP

4-CEC (hot sell)

A-PPP

5C-ABP

5F-MDMB-2201 (hot sell)

MDMB-2201

THJ-2201

HEX-EN (hot sell)

U-49900

U-48800

2-NMC



Clearnet Traces:

*A classified ad listing
from shoppok.com.*

Source: RAND Corp.

Guess the platform...

Explore > Art > Photography > Photography Techniques > Bokeh Photography



Visit

Save

From molbase.com

Safe deliver to Mexico 99.9% Purity CAS 99918-43 1, CAS...

Our main products export to Mexico as follow CAS 99918-43-1 CAS 125541-22-2 CAS 23056-29-3 CAS 40064-34-4 CAS 79099-07-3 Note: we will ship by special line that shipping company do custom clearance and deliver to door, especially to Mexico. It is very safe, and can guarantee you receive the package 100%.

Hazard Identification

Fume Hood

Flash Point

Boiling Point



More information...



ChingLabs : Chinese Research Chemical Vendor

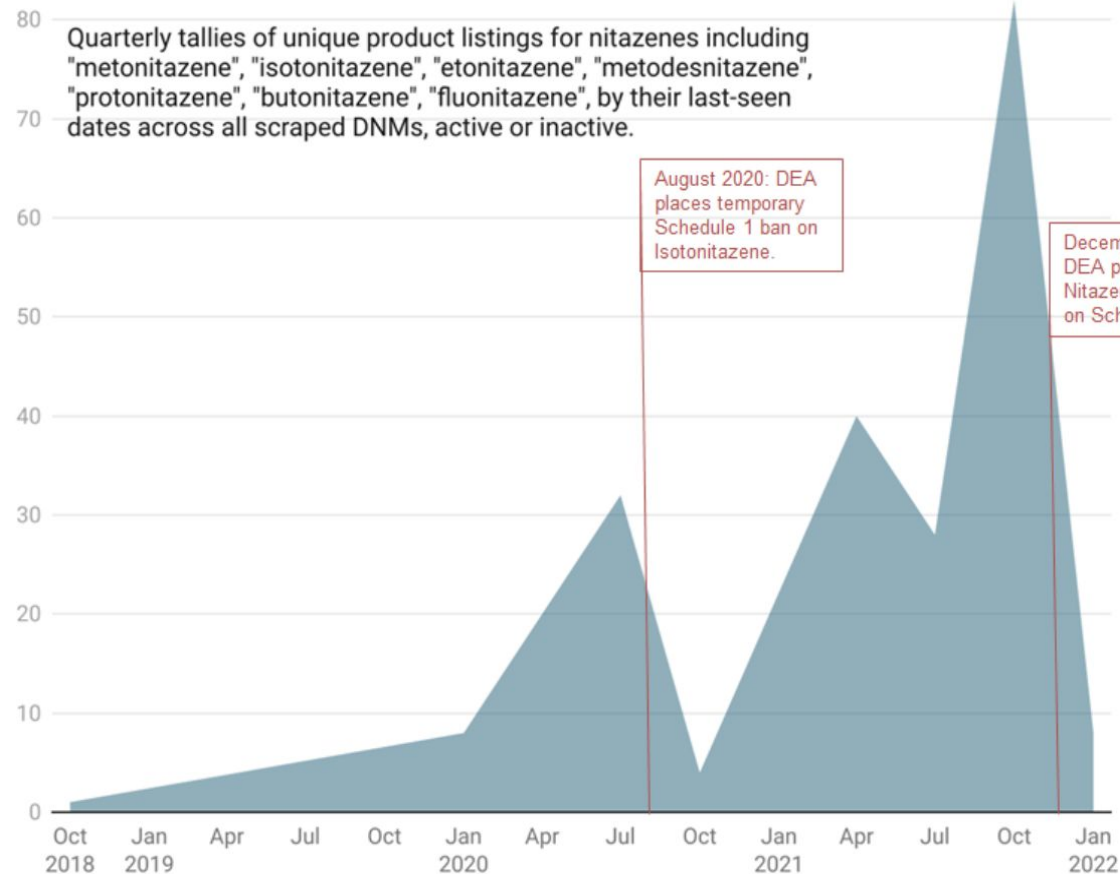
Screenshots from
Chinglabs.com
via archive.org's
Wayback Machine

Search To Find Your Favourite Research Chemical On Sale

FuranylFentanyl Powder	U47700 Powder
<p>IUPAC: N-(1-(2-phenylethyl)-4-piperidinyl)-N-phenylfuran-2-carboxamide</p>	<p>IUPAC: Methyl 2-((1-([4-fluorophenyl)methyl]-1H-indazole-3-carbonyl)amino)-3-methylbutanoate</p>
<p>CAS Number: 101345-66-8</p>	<p>CAS Number: 121348-98-9</p>
<p>Molecular Formula: C₂₄H₂₆N₂O₂</p>	<p>Molecular Formula: C₂₁H₂₂FN₃O₃</p>
<p>Formula Weight: 374.484</p>	<p>Formula Weight: 383.41</p>
<p>Learn More About FuranylFentanyl</p>	<p>Learn More About U47700</p>
<p>Pricing (Shipping + 1 time reship Included)</p>	<p>Pricing (Shipping + 1 time reship Included)</p>
<p>2g : 100 5g : 200 10g : 300 50g : 600 USD 100g : 1100 USD</p>	<p>3g : 80 5g : 150 10g : 200 50g : 600 USD 100g : 1100 USD</p>
<p>PURCHASE</p>	<p>PURCHASE</p>

Unique DNM Listings for Nitazenes

counts



Unique darknet market listings for Nitazenes and known analogs by quarter. 2018 Q4 - 2022 Q1 (partial)

H [redacted]
 To: [redacted]
 March 5th, 2022 ☆

Left: Email from Emu Trading Co, a self-reported N-Desethyl Isotonitazene vendor on the internet.

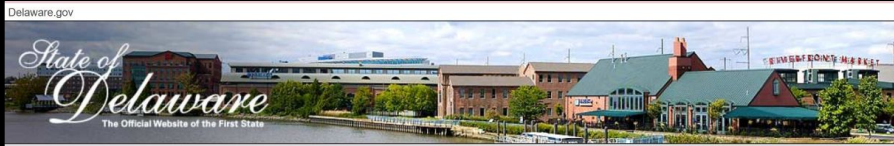
We are glad to receive your inquiry. We are the manufacturer of 4-hydroxy Nitazene (O-desalkyl Isotonitazene) yes it is available in stock
 Where are you from ?
 our price quotation is as follow
 N-desethyl Isotonitazene 50 g \$820
 N-desethyl Isotonitazene 100 g \$1500
 N-desethyl Isotonitazene 500g \$3800
 N-desethyl Isotonitazene 1 kg \$7800
 let me know what quantity you need
 thanks and regards

Below: Emu Trading Co LLC Delaware Division of Corporations filing.

"Based on available in vitro data, Isotonitazene is about 8 times more potent than fentanyl... and N-desethyl Isotonitazene is a main metabolite of Isotonitazene. It is about 2-3 times more potent than Isotonitazene."

- Dr. Alex Krotulski, associate director at Center for Forensic Research Science and Education

Delaware.gov



Department of State: Division of Corporations

HOME

Entity Details

THIS IS NOT A STATEMENT OF GOOD STANDING

File Number:	7407317	Incorporation Date / Formation Date:	5/7/2019 (mm/dd/yyyy)
Entity Name:	EMU TRADING CO LLC		
Entity Kind:	Limited Liability Company	Entity Type:	General
Residency:	Domestic	State:	DELAWARE

REGISTERED AGENT INFORMATION

Name:	UNASSIGNED AGENT		
Address:			
City:		County:	
State:	NullValue	Postal Code:	95050
Phone:			

Additional Information is available for a fee. You can retrieve Status for a fee of \$10.00 or more detailed information including current franchise tax assessment, current filing history and more for a fee of \$20.00.
 Would you like Status Status, Tax & History Information

Submit

Got a question, comment or collaboration idea?

You know where to find me:

Mohar Chatterjee

mchatterjee@politico.com

Current: Politico Fellow

Previous: Senior Fellow

Brown Institute for Media Innovation at Columbia University

(All non-KQED images & charts are part of my Master's project.)