



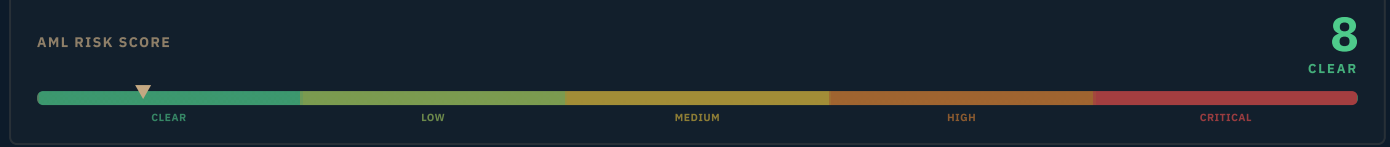
50 — EXECUTIVE SUMMARY

ATTRIBUTED ENTITY · BTC

# Unattributed — BTC Whale (Arkham)

bc1q2778ztaa48crjdx6wpa28l5gr0a24dlrvar9t

<b>BTC IN</b> <b>฿1,699.0000</b> <small>1 inbound events</small>	<b>BTC OUT</b> <b>฿1,699.0000</b> <small>1 outbound events</small>	<b>BALANCE</b> <b>฿0.00000000</b> <small>Current BTC on-chain</small>	<b>ACTIVE SPAN</b> <b>108</b> <small>days · 0.30 years</small>	<b>TRANSACTIONS</b> <b>2</b> <small>1 BTC in · 1 BTC out</small>	<b>COUNTERPARTIES</b> <b>3</b> <small>distinct BTC counterparties</small>
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INTELLIGENCE BRIEF

CASE FACTS	
WALLET ADDRESS	bc1q2778ztaa48crjdx6wpa28l5gr0a24dlrvar9t
BLOCKCHAIN	BTC -- Native Bitcoin
FIRST SEEN	2026-02-12 04:01:39 UTC
LAST ACTIVE	2026-05-31 22:24:14 UTC
ACCOUNT AGE	108 days (0.30 years)
PRIMARY TOKEN	BTC (native)
BALANCE	฿0.00000000

COUNTERPARTY EXPOSURE BY CATEGORY	
Private / Unattributed	฿1,699.0000

<b>FINDING 01</b> <b>Kraken Deposit Confirmed</b> <small>3NyqB7db8qMwU6qmoxDaYCVGLbdc4Pxz3x confirmed '# Kraken' via OKLink label; received 150 BTC from this wallet and 300 BTC from funder (total 450 BTC Kraken exposure)</small>
<b>FINDING 02</b> <b>108-Day Hold Period</b> <small>Received 2026-02-12, swept 2026-05-31 — consistent with strategic position hold rather than pass-through</small>
<b>FINDING 03</b> <b>22:24 UTC Timestamp Collision</b> <small>Outbound 2026-05-31 22:24 UTC matches co-profiled wallet inbound 2026-04-20 22:24 UTC to the minute — possible shared operator or automation platform</small>
<b>FINDING 04</b> <b>Funder-Kraken Linkage</b> <small>Funder bc1qxzmc40n2l9sarwvz8pzjayeqlc52kxdq7hw9k4 sent 300 BTC to Kraken at same funding block — establishes operator's prior Kraken relationship</small>

SUPPORTING DETAIL

AML SCORECARD	KEY DATES	ATTRIBUTION HYPOTHESES
Sanctions (OFAC/EU/UN) <span>CLEAR</span> Fraud/Scam Exposure <span>CLEAR</span> Ransomware/Darknet <span>CLEAR</span> Mixer/CoinJoin <span>CLEAR</span> Exchange Source Verif. <span>CLEAR</span> Structuring/Layering <span>LOW</span> Third-Party Risk <span>CLEAR</span> Address Poisoning <span>CLEAR</span>	2026-02-12      1,699 BTC received — funding event 2026-05-31      Full sweep — 150 BTC to Kraken, 1,549 BTC to new cold storage	H1 Institutional Investor — Partial Kraken Liquidation <span>70%</span> H2 OTC Facilitator with Kraken Settlement Leg <span>20%</span> H3 Regulated VASP Internal Wallet <span>10%</span> <small>Institutional investor partial Kraken liquidation (H1, 70%) — 108-day hold, confirmed regulated VASP outflow</small>

**INVESTIGATOR SUMMARY**

An unattributed P2WPKH single-signature address received 1,699 BTC (~\$120.9M) on 2026-02-12 and held the balance for 108 days before a full sweep on 2026-05-31, routing 1,549 BTC (91.2%) to a new cold-storage address and 150 BTC (8.8%) to a confirmed Kraken deposit address. The same Kraken address received 300 BTC from the funder at the point of inbound funding, indicating the operator uses Kraken as a partial liquidity venue. The outbound timestamp (22:24 UTC) matches a co-profiled wallet's inbound timestamp to the same minute, suggesting shared operator infrastructure.

**RECOMMENDED ACTIONS** Legal process to Kraken for KYC records on deposit address 3NyqB7db8qMwU6qmoxDaYCVGLbdc4Pxz3x — reference both the 150 BTC deposit from this address (2026-05-31) and the 300 BTC deposit from the funder (2026-02-12); total Kraken exposure 450 BTC · Trace and monitor 1,549 BTC cold-storage recipient bc1q4zjufmfwztjs9hu5t9zjz4738trw24jnskwqf — single transaction, likely the operator's primary cold-storage address

## S1 — TARGET PROFILE, FINANCIALS & ACTIVITY

Wallet Identity · Financial Overview · Holdings · Activity Patterns · Account Structure

### DEPLOYMENT

### CURRENT HOLDINGS

**BTC** 100.00%

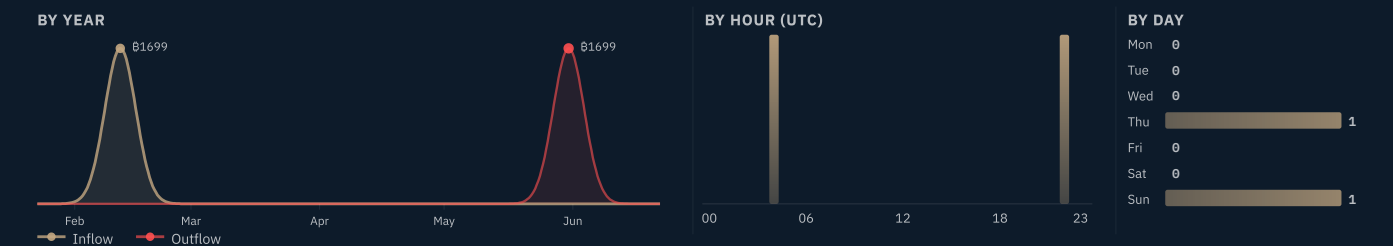
B0.00000000 · \$0.00 (fully swept 2026-05-31) — lifetime throughput 1,699

### COUNTERPARTIES

Private / Unattributed	100.0%
OTC / Broker	—
Regulated CEX	—
DeFi / Protocol	—
Mixer / Obfuscation	—
Government	—
Criminal / Fraud	—
Sanctioned Entity	—

ENTITY	bc1q2778ztaa48crjdx6wpa28l5gr0a24dlrvar9t
BLOCKCHAIN	Bitcoin mainnet · Bech32 SegWit
ACCOUNT AGE	108 days (0.30 years)    Active: 2026-02-12 04:01:39 UTC → 2026-05-31 22:24:14 UTC
BALANCE	0.00000000
TOTAL RECEIVED	1,699.0000
TOTAL SENT	1,699.0000
NET BALANCE	0.00000000
TRANSACTIONS	2 on-chain (1 in · 1 out) · 3 counterparties

### ACTIVITY OVERVIEW



### BEHAVIORAL CLASSIFICATION

Temporary holding wallet. Received a single large inflow, held for 108 days, then fully swept in one outbound transaction to two destinations. This is a holding-position or staging wallet, not a treasury or pass-through. Address is now empty.

### TRANSACTION SIZE PROFILE

1,699 BTC inbound (near-round lot to integer BTC). Outbound: 1,549 BTC (91.2%) and 150 BTC (8.8%) — both near-round lots suggesting system-generated allocation rather than ad hoc amounts. The 150 BTC Kraken deposit is a notable round-lot suggesting a pre-planned exchange tranche.

### OPERATIONAL PROFILE

P2WPKH single-signature address — lower security tier than the co-profiled Wallet ...csfx4mu6 multisig. 0 UTXOs as of scrape date. Address used once in and once out; no address reuse. Outflow split to 2 destinations with distinct risk profiles (unattributed vs confirmed VASP). No DeFi or protocol interaction.

### TEMPORAL ACTIVITY PATTERN

Inbound: Thursday 2026-02-12 04:01 UTC. Outbound: Sunday 2026-05-31 22:24 UTC. 108-day hold consistent with a tax quarter or strategic hold period. The 22:24 UTC outbound timestamp matches Wallet ...csfx4mu6's inbound to the same minute — strong indicator of shared operator or platform. Inbound at 04:01 UTC maps to late evening US time (23:01 EST), consistent with automated overnight execution.

### AUTOMATION ASSESSMENT

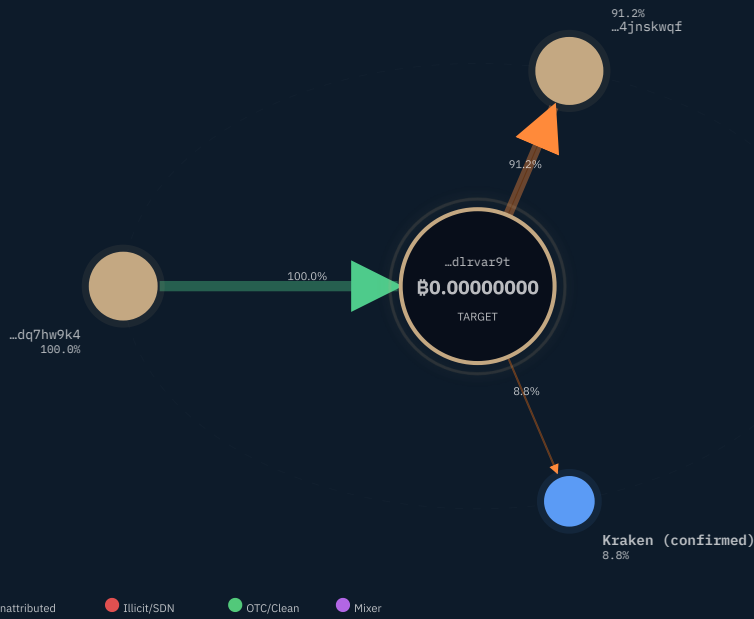
The 22:24 UTC outbound precisely matches a co-occurring inbound event on a related wallet — strongly suggests scripted or platform-orchestrated execution. The split-routing (two outputs, precision round-lot amounts) is consistent with an automated treasury or portfolio management system. Two-transaction lifecycle with no irregular timing events.

### SOURCES

S1	Blockchain.com — Bitcoin Address Explorer	<a href="http://www.blockchain.com/explorer/addresses/btc/bc1q2778ztaa48crjdx6wpa28l5gr0a24dlrvar9t">www.blockchain.com/explorer/addresses/btc/bc1q2778ztaa48crjdx6wpa28l5gr0a24dlrvar9t</a>
S2	OKLink — BTC Address Detail & Counterparty Profiles	<a href="http://www.oklink.com/btc/address/bc1q2778ztaa48crjdx6wpa28l5gr0a24dlrvar9t">www.oklink.com/btc/address/bc1q2778ztaa48crjdx6wpa28l5gr0a24dlrvar9t</a>

## S2 – TRANSACTION NETWORK & FUND FLOW

Counterparty Map · Inflow Architecture · Outflow Architecture



### INFLOW

#### Upstream · Top 5 Funders

ID	ADDRESS	VOLUME IN	ATTRIBUTION	RISK
A1	<a href="#">bc1qxzmc40n2l9saxwvz8pzjayeqlc52kxdq7hw9k4</a>	฿1,699.0000	Unattributed	MEDIUM

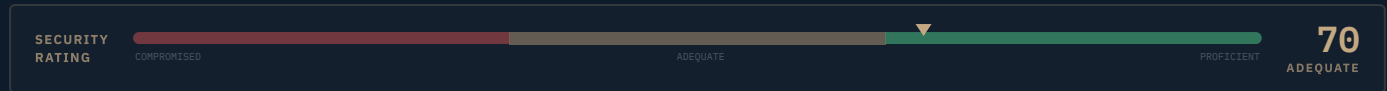
### OUTFLOW

#### Downstream · Top 5 Destinations

ID	ADDRESS	VOLUME OUT	ATTRIBUTION	RISK
B1	<a href="#">bc1q4zjuftmfwztjs9hu5t9zjz4738tw24jnskwqf</a>	฿1,549.0000	Unattributed	MEDIUM
B2	<a href="#">3NygB7db8qMwU6qmoXDayCV6Lbdc4PxzJx</a>	฿150.0000	Kraken (confirmed)	MEDIUM

## S3 — OPERATIONAL PROFILE & SECURITY ASSESSMENT

Account Structure · Protocol Interactions · Threat Exposure



### ACCOUNT STRUCTURE

Address Type	Native SegWit P2WPKH (Pay-to-Witness-Public-Key-Hash) — Single Signature
Script Encoding	P2WPKH — Bech32 (bc1q prefix)
UTXO Count	0 — fully swept 2026-05-31
Clustering	Unattributed — Arkham entity label: 'BTC Whale'
Service Label	None on this address; outbound to confirmed Kraken deposit address
VASP Exposure	Confirmed: Kraken — 150 BTC deposited to 3NygB7db8qMwU6qmoxDaYCVGLbdc4PzJx on 2026-05-31
Wallet Software	Unknown — single-sig, likely hardware or software wallet

### PROTOCOL INTERACTIONS

CATEGORY	STATUS
Exchange Deposits / Withdrawals	<b>ACTIVE</b> 1 confirmed Kraken deposit — 150 BTC to 3NygB7db8qMwU6qmoxDaYCVGLbdc4PzJx (OKLink label: '# Kraken') on 2026-05-31
DeFi / Smart Contract Interaction	<b>NONE</b>
Lightning Network Channels	<b>NONE</b>
Ordinals / Inscriptions	<b>NONE</b>
Mixing / CoinJoin Services	<b>NONE</b>
Cross-Chain Bridges	<b>NONE</b>
Sanctions-Listed Address Contact	<b>NONE</b>

#### OPERATIONAL SUMMARY

The confirmed Kraken deposit creates a regulatory anchor point. Kraken, as a registered US exchange, is required to maintain KYC records for deposit address 3NygB7db8qMwU6qmoxDaYCVGLbdc4PzJx and any associated accounts. A lawful process request to Kraken referencing this deposit address and the specific transactions (150 BTC from this wallet on 2026-05-31 and 300 BTC from the funder on 2026-02-12) would be the highest-yield investigative step. No SAR obligation is indicated on the basis of this profile alone; the exchange interaction is voluntary and to a regulated entity.

## S4 – AML / RISK ASSESSMENT



CRITERION	EXPOSURE	RATING
Sanctions (OFAC/EU/UN)	████████████████████	CLEAR
Fraud/Scam Exposure	████████████████████	CLEAR
Ransomware/Darknet	████████████████████	CLEAR
Mixer/CoinJoin	████████████████████	CLEAR
Exchange Source Verif.	████████████████████	CLEAR
Structuring/Layering	██████████	LOW
Third-Party Risk	████████████████████	CLEAR
Address Poisoning	████████████████████	CLEAR

**OVERALL AML RISK** **8 CLEAR**

Scale: CLEAR=no exposure detected · MEDIUM=indirect signal · HIGH=direct confirmed exposure

CRITERION	FINDING	ASSESSMENT
1. Sanctions (OFAC/EU/UN)	No OFAC SDN match on address, funder, or any upstream hop. Kraken is a regulated US exchange – not sanctions-listed.	CLEAR
2. Fraud/Scam Exposure	OSINT null; no BitcoinWhosWho appearances; no scam database entries	CLEAR
3. Ransomware/Darknet	No threat intel attribution; Arkham 'BTC Whale' label carries no ransomware nexus	CLEAR
4. Mixer/CoinJoin	No mixing indicators; single-input single-output style transactions with clean UTXO lineage	CLEAR
5. Exchange Source Verif.	Outbound 150 BTC confirmed to Kraken (regulated VASP); 1,549 BTC remainder to unattributed new wallet – not to high-risk address	CLEAR
6. Structuring/Layering	108-day hold followed by split-routing (91.2%/8.8%) is not structuring under applicable thresholds; split may reflect tax-lot strategy or liquidity management	LOW
7. Third-Party Risk	No DeFi, bridge, or smart-contract interaction; native BTC UTXO only	CLEAR
8. Address Poisoning	2 transactions; no anomalous dust inputs; no copycat address pattern	CLEAR

**ASSESSMENT**

All quantitative fields confirmed across three API sources. Note: Blockchain.com displays timestamps in local display time; Mempool.space UTC is authoritative – outbound transaction is 2026-05-31 22:24 UTC (Mempool), displayed as 2026-06-01 02:20:21 by Blockchain.com (UTC+4 offset). OKLink screenshots for all three counterparty addresses captured; Kraken label confirmed from screenshot\_oklink\_VGLbdc4PxzJx.png. OCR of all explorer screenshots completed at scrape time.

## S5 – NOTABLE EVENTS & ANOMALIES

### Flagged Patterns & Significant Observations



ID	DATE	EVENT	SEVERITY	SIGNIFICANCE
A-01	2026-05-31	<b>22:24 UTC Timestamp Collision with Co-Profiled Wallet.</b> Outbound sweep at 22:24 UTC matches inbound receipt time on co-profiled wallet (Wallet ...csfx4mu6) to the minute – same operator or shared automation platform.	<b>NOTABLE</b>	Minute-level timestamp coincidence across two large unattributed wallets is a strong indicator of shared infrastructure.
A-02	2026-02-12	<b>Funder Routes 300 BTC to Kraken Simultaneously.</b> At point of funding this address, funder also sent 300 BTC to the same Kraken deposit address – establishes pre-existing operator Kraken relationship.	<b>NOTABLE</b>	Funder's parallel Kraken routing confirms the operator's exchange preference and provides a second transaction anchor for legal process.

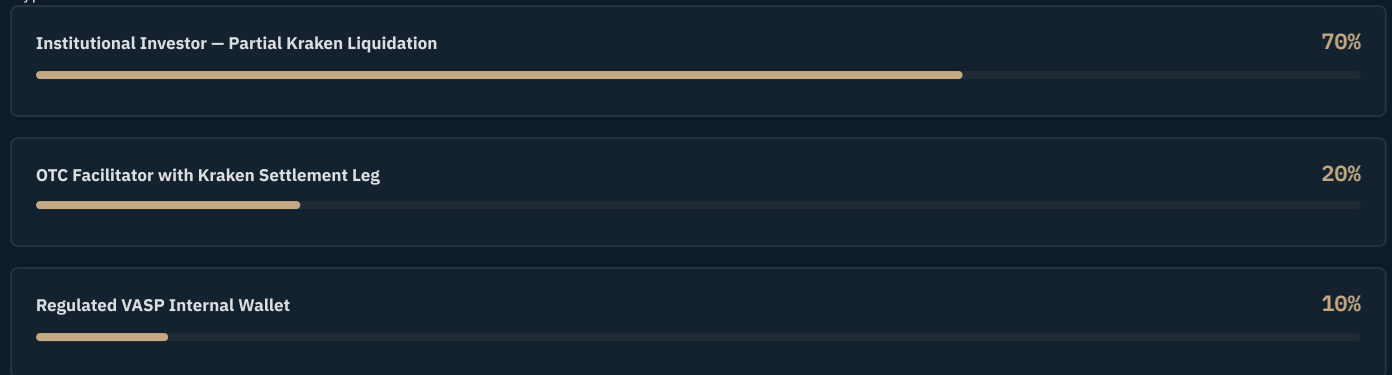
#### SYNTHESIS

1,699 BTC received 2026-02-12 from unattributed relay (bc1qzmc40n2l9sarwvz8pzjayeqlc52kxdq7hw9k4). Held 108 days. Swept 2026-05-31: 1,549 BTC to new cold storage (bc1q4zjuftrmfvzts9hu5t9zjz4738trw24jnskwqf), 150 BTC to confirmed Kraken deposit address (3NyqB7db8qMwU6qmoxDaYCVGLbdc4PxzJx). Funder also sent 300 BTC to same Kraken address at funding time. Address now empty.

## S6 — OWNERSHIP ATTRIBUTION MODEL

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### Hypothesis Assessment



Probabilities sum to 100%. Attribution confidence: 70.

#### WHAT THIS MEANS FOR YOU

OSINT sweep returned null for the subject address — no Google News hits, no BitcoinWhosWho appearances. The material intelligence finding for this case derives from on-chain counterparty profiling: the OKLink entity label '# Kraken' on the outbound destination confirms direct exposure to a regulated exchange. No open-source adverse findings.

## S7 — LINKS, DIGITAL FOOTPRINT & PUBLIC RECORD

Government Records · Press Coverage · Research & Analytics · Blockchain Intelligence

### GOVERNMENT & OFFICIAL RECORDS

#### OFAC SDN List

2026-06-02

NEGATIVE SWEEP: Address not found in OFAC Specially Designated Nationals list as of 2026-06-02.

<https://sanctionssearch.ofac.treas.gov>

### MEDIA & PRESS

#### Google News RSS

2026-06-02

NEGATIVE SWEEP: No news articles or press coverage referencing this address found in Google News RSS as of 2026-06-02.

[https://news.google.com/rss/search?q=%22bc1q2778ztaa48crjdx6wpa2815g\\_](https://news.google.com/rss/search?q=%22bc1q2778ztaa48crjdx6wpa2815g_)

### RESEARCH & ANALYTICS

#### BitcoinWhosWho

2026-06-02

NEGATIVE SWEEP: No website appearances or fraud reports recorded for this address as of 2026-06-02.

[https://bitcoinwhoswho.com/address/bc1q2778ztaa48crjdx6wpa2815gr8a24\\_](https://bitcoinwhoswho.com/address/bc1q2778ztaa48crjdx6wpa2815gr8a24_)

### INTELLIGENCE PLATFORMS

#### OKLink — Counterparty Profile

2026-06-02

Outbound destination 3NygB7db8qMwU6qmoxDaYCVGLbdc4PxzJx confirmed as '# Kraken' deposit address by OKLink entity label. 10 transactions since 2017-12-17. Confirms direct operator exposure to a regulated US exchange.

<https://www.oklink.com/btc/address/3NygB7db8qMwU6qmoxDaYCVGLbdc4PxzJx>

#### Arkham Intelligence

2026-06-02

Subject address labeled 'BTC Whale' by Arkham Intelligence. No exchange or custodian attribution assigned to the subject address itself.

[https://intel.arkm.com/explorer/address/bc1q2778ztaa48crjdx6wpa2815g\\_](https://intel.arkm.com/explorer/address/bc1q2778ztaa48crjdx6wpa2815g_)

## S8 — RECOMMENDED FURTHER INVESTIGATION

### Priority Actions & Engagement Opportunities

<b>P1</b>	<b>Legal Process — Kraken KYC Request</b> — Subpoena or MLAT request to Kraken (Payward Inc.) for KYC identity of deposit address 3NygB7db8qMwU6qmoXDayCVGLbdc4PxzJx — reference both the 150 BTC deposit from this address (2026-05-31) and the 300 BTC deposit from the funder (2026-02-12); total operator Kraken exposure 450 BTC · <i>Legal</i>
<b>P2</b>	<b>Trace and Monitor 1,549 BTC Recipient</b> — Monitor bc1q4zjftmfwtjs9hu5t9zjz4738trw24jnskwqf — currently holding 1,549 BTC with only 1 transaction; likely the operator's primary cold-storage address; alert on first movement · <i>On-chain</i>
<b>P3</b>	<b>Cross-Reference 22:24 UTC Timestamp Collision</b> — Co-profiled wallet received 4,000 BTC at the same 22:24 UTC minute on 2026-04-20; confirm whether both wallets share an operator or automation platform by cross-referencing transaction structure and funder addresses · <i>On-chain</i>

#### INVESTIGATOR ASSESSMENT

High priority. Confirmed Kraken deposit creates an accessible legal pathway to operator identity — Kraken KYC request is the immediate recommended action. Parallel on-chain monitoring of the 1,549 BTC cold-storage recipient provides the next likely intelligence event.

## APPENDIX A – MASTER SOURCE LIST

REF	SOURCE
S-01	<p><b>Blockchain.com – Bitcoin Address Explorer</b>  <a href="https://www.blockchain.com/explorer/addresses/btc/bc1q2778zt...">https://www.blockchain.com/explorer/addresses/btc/bc1q2778zt...</a>  <i>Full BTC transaction history via blockchain.com API. Primary quantitative data source. Retrieved 2026-06-02.</i></p>
S-02	<p><b>OKLink – BTC Address Detail &amp; Counterparty Profiles</b>  <a href="https://www.oklink.com/btc/address/bc1q2778ztaa48crjdx6wpa2...">https://www.oklink.com/btc/address/bc1q2778ztaa48crjdx6wpa2...</a>  <i>Balance, UTXO count, inscription tokens, counterparty sub-profiles. Retrieved 2026-06-02.</i></p>
S-03	<p><b>Arkham Intelligence – Entity &amp; Portfolio Profile</b>  <a href="https://intel.arkm.com/explorer/address/bc1q2778ztaa48crjdx...">https://intel.arkm.com/explorer/address/bc1q2778ztaa48crjdx...</a>  <i>Entity label and portfolio value snapshot. Retrieved 2026-06-02.</i></p>
S-04	<p><b>Mempool.space – Bitcoin Mempool Explorer</b>  <a href="https://mempool.space/address/bc1q2778ztaa48crjdx6wpa28l5gr...">https://mempool.space/address/bc1q2778ztaa48crjdx6wpa28l5gr...</a>  <i>Mempool status and last confirmed transaction. Retrieved 2026-06-02.</i></p>
S-05	<p><b>WalletExplorer – Cluster Attribution</b>  <a href="https://www.walletexplorer.com/address/bc1q2778ztaa48crjdx6...">https://www.walletexplorer.com/address/bc1q2778ztaa48crjdx6...</a>  <i>Cluster label from WalletExplorer API. Retrieved 2026-06-02.</i></p>
S-06	<p><b>OFAC SDN List – Sanctions Screen</b>  <a href="https://sanctionssearch.ofac.treas.gov">https://sanctionssearch.ofac.treas.gov</a>  <i>Sanctions screen against OFAC Specially Designated Nationals list. Retrieved 2026-06-02.</i></p>
S3	<p><b>Arkham -- Address Profile</b>  <a href="https://intel.arkm.com/explorer/address/bc1q2778ztaa48crjdx...">https://intel.arkm.com/explorer/address/bc1q2778ztaa48crjdx...</a>  <i>Screenshot captured 2026-06-02. File: screenshot_arkham.png</i></p>
S4	<p><b>Blockchain -- Address Profile</b>  <a href="https://www.blockchain.com/explorer/addresses/btc/bc1q2778zt...">https://www.blockchain.com/explorer/addresses/btc/bc1q2778zt...</a>  <i>Screenshot captured 2026-06-02. File: screenshot_blockchain.png</i></p>
S5	<p><b>Oklink -- Address Profile</b>  <a href="https://www.oklink.com/btc/address/bc1q2778ztaa48crjdx6wpa2...">https://www.oklink.com/btc/address/bc1q2778ztaa48crjdx6wpa2...</a>  <i>Screenshot captured 2026-06-02. File: screenshot_oklink.png</i></p>
S6	<p><b>Mempool -- Address Profile</b>  <a href="https://mempool.space/address/bc1q2778ztaa48crjdx6wpa28l5gr...">https://mempool.space/address/bc1q2778ztaa48crjdx6wpa28l5gr...</a>  <i>Screenshot captured 2026-06-02. File: screenshot_mempool.png</i></p>

